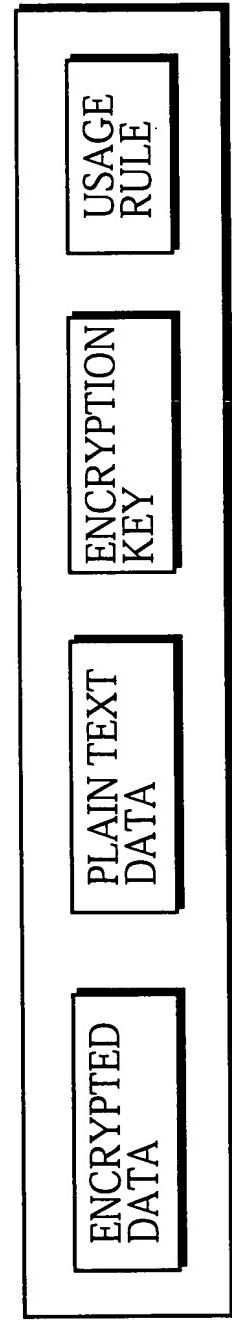


FIG. 1

COPYRIGHTED MATERIAL



JPEG STILL PICTURE DATA
MPEG-AAC-MP3
AUDIO DATA
NAVIGATION
(PLAYBACK CONTROL)
MOVE INFORMATION
COPY CONTROL INFORMATION
NUMBER OF PERMITTED CHECK-OUTS
MOVE CONTROL INFORMATION(MCI)

FIG. 2A

RECORDING MEDIUM



※NO ENCRYPTION KEY SO DEVICE HAVING THIS
RECORDING MEDIUM CANNOT PLAY BACK
COPYRIGHTED MATERIAL

FIG. 2B

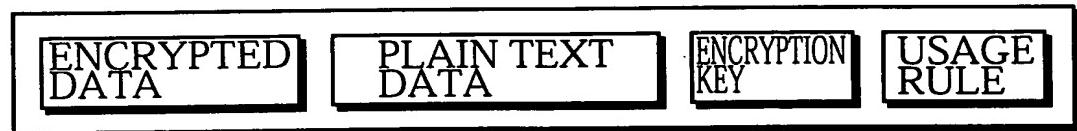
RECORDING MEDIUM



※HAS AN ENCRYPTION KEY, SO DEVICE HAVING THIS
RECORDING MEDIUM CAN PLAY BACK COPYRIGHTED
MATERIAL
NO USAGE RULE, SO COPYRIGHTED MATERIAL CANNOT
BE RECORDED TO ANOTHER RECORDING MEDIUM

FIG. 2C

RECORDING MEDIUM



※HAS AN ENCRYPTION KEY, SO DEVICE HAVING THIS
RECORDING MEDIUM CAN PLAY BACK COPYRIGHTED
MATERIAL

HAS A USAGE RULE, SO COPYRIGHTED MATERIAL
CAN BE RECORDED ON ANOTHER RECORDING MEDIUM

FIG. 3A

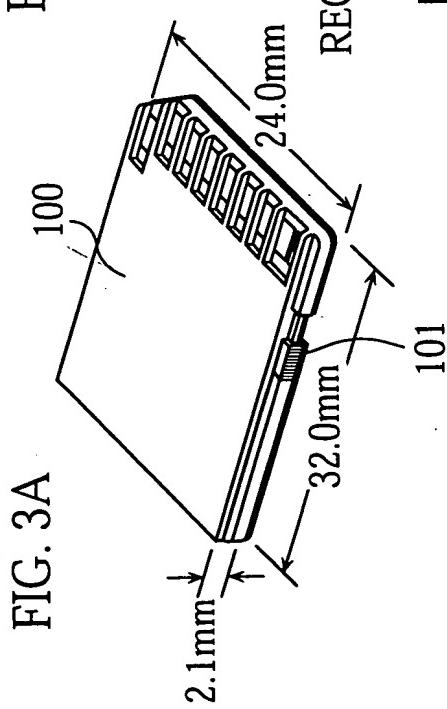


FIG. 3C PHYSICAL LAYER OF SD Memory Card

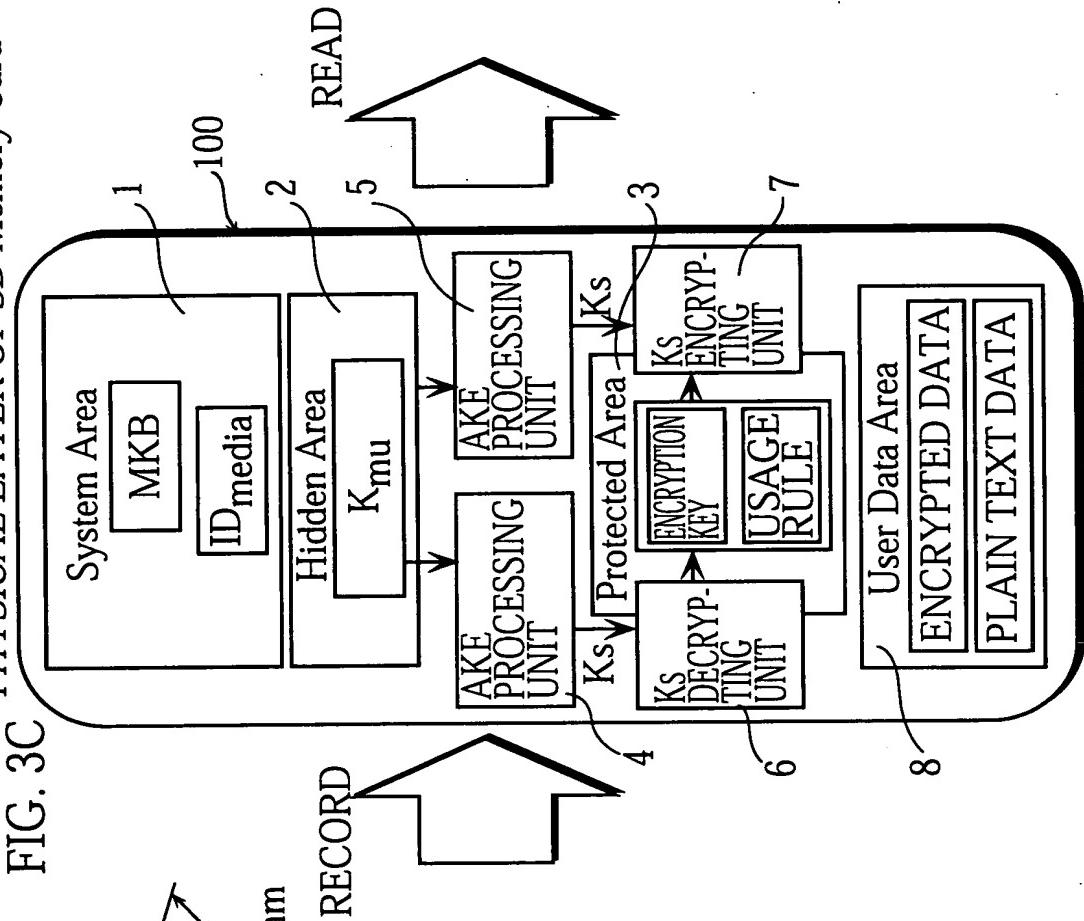
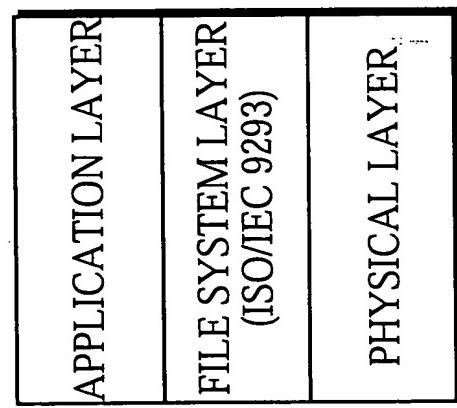
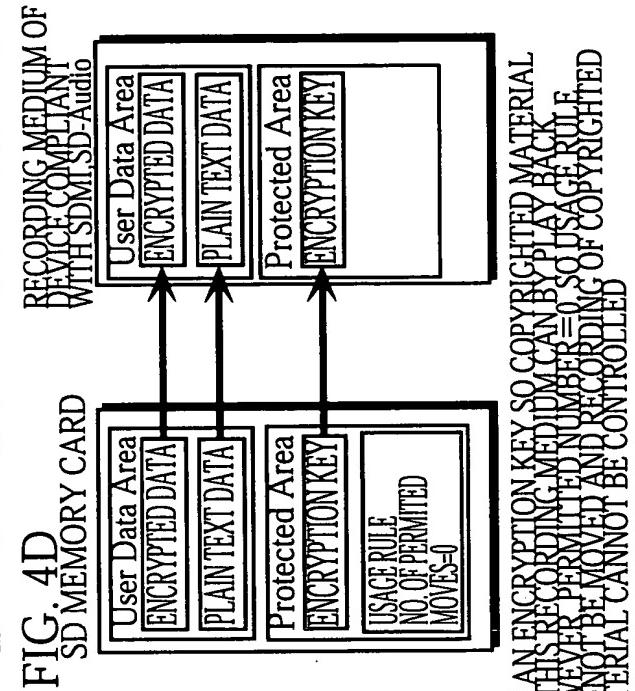
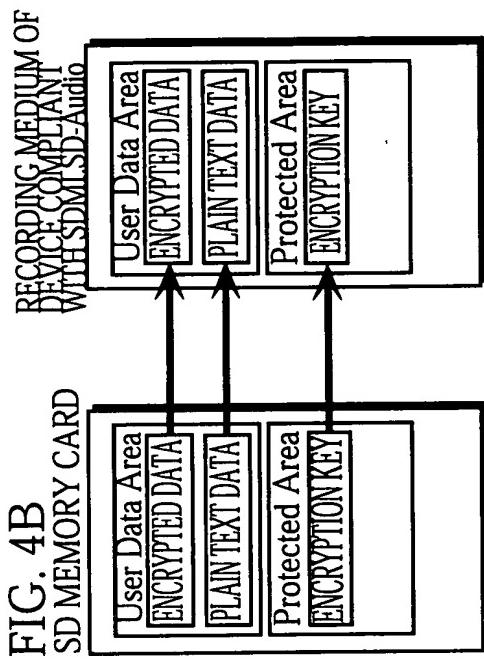
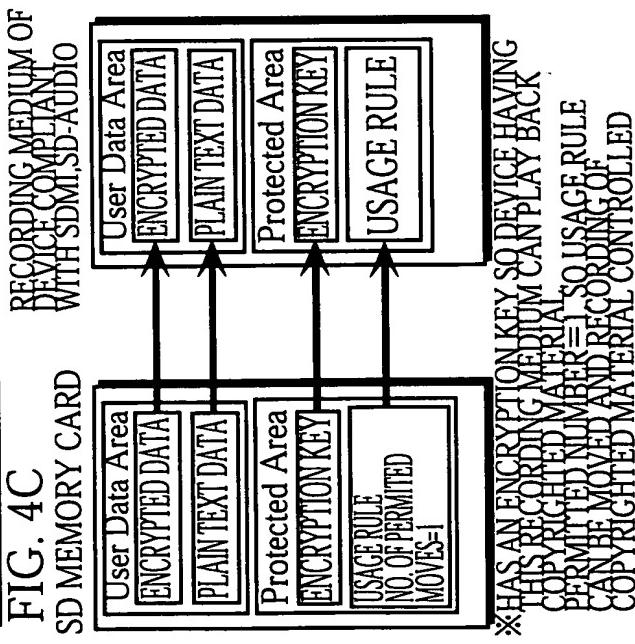
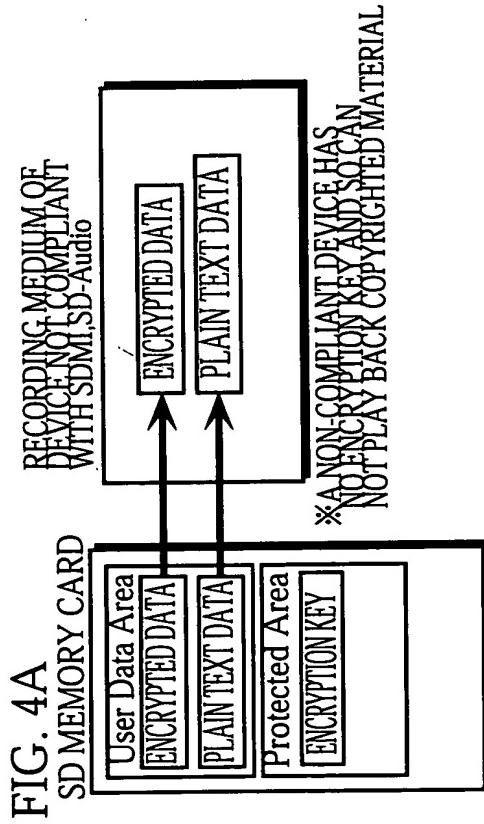


FIG. 3B





* HAS AN ENCRYPTION KEY SO COPYRIGHTED MATERIAL
CAN BE MOVED AND RECORDING OF COPYRIGHTED
MATERIAL CAN NOT BE CONTROLLED

FIG. 5

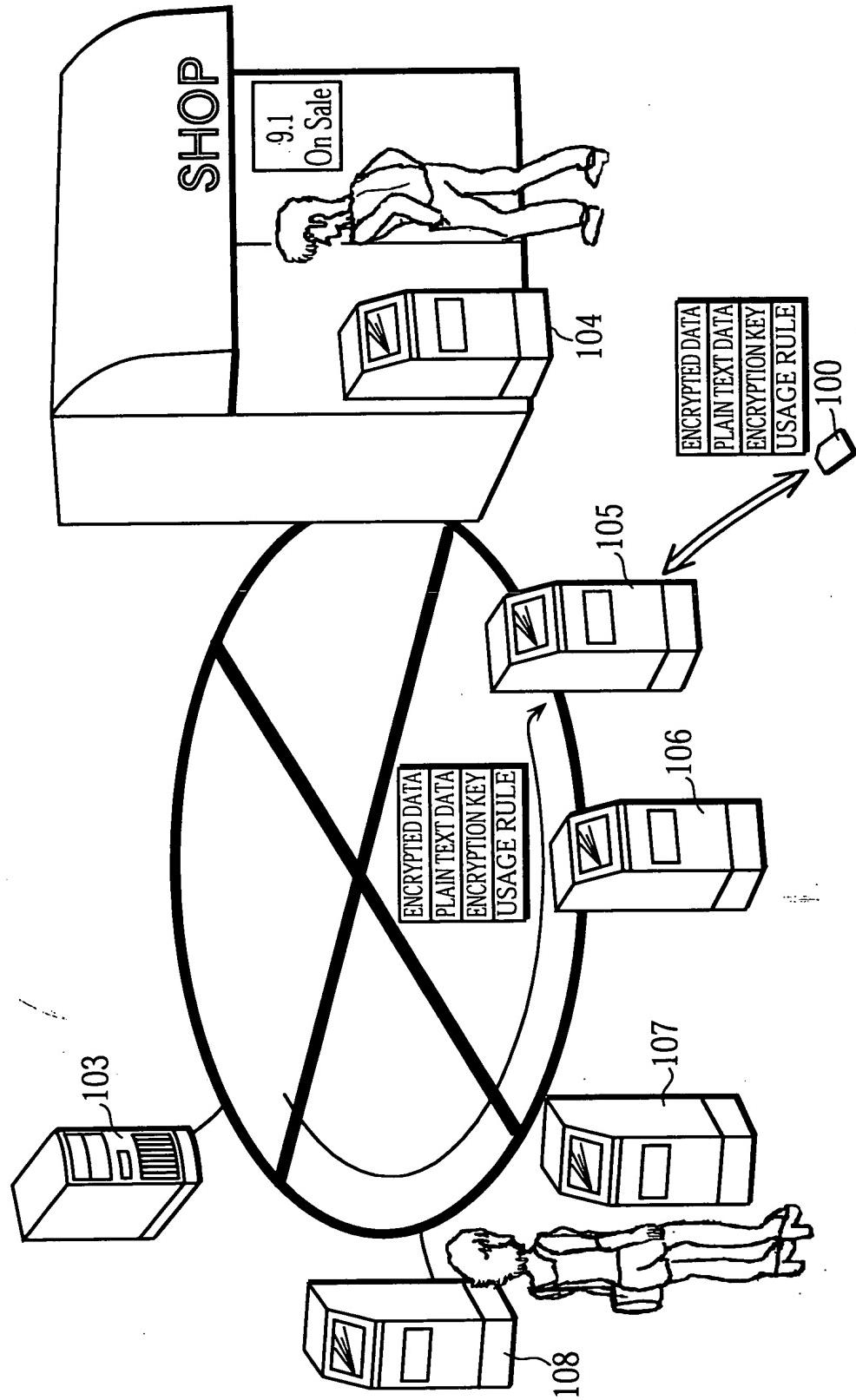


FIG. 6A

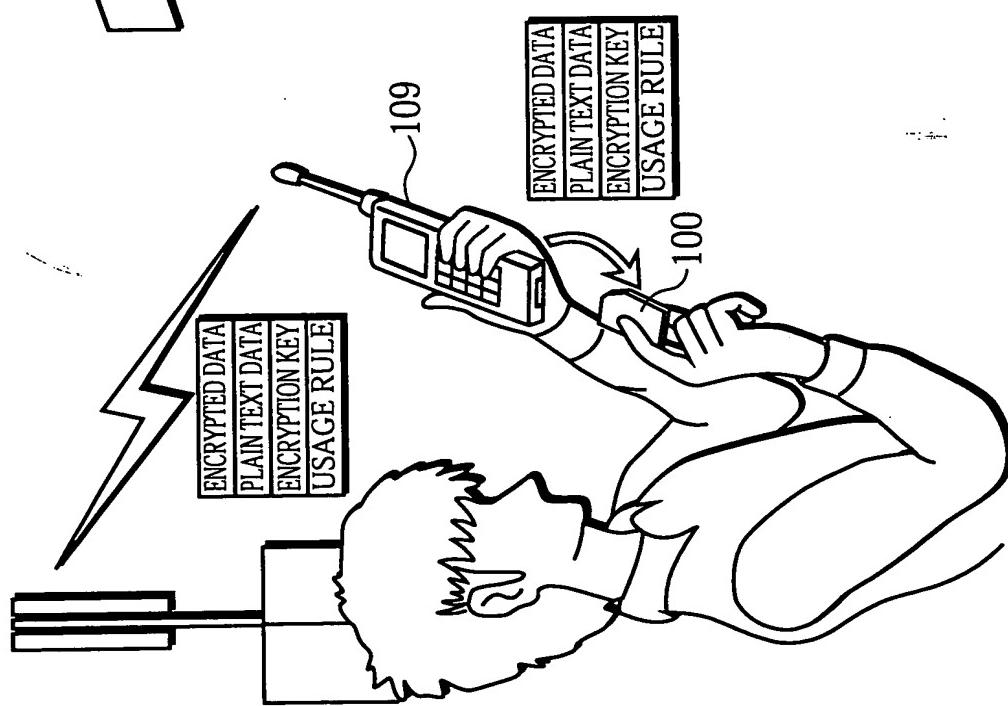
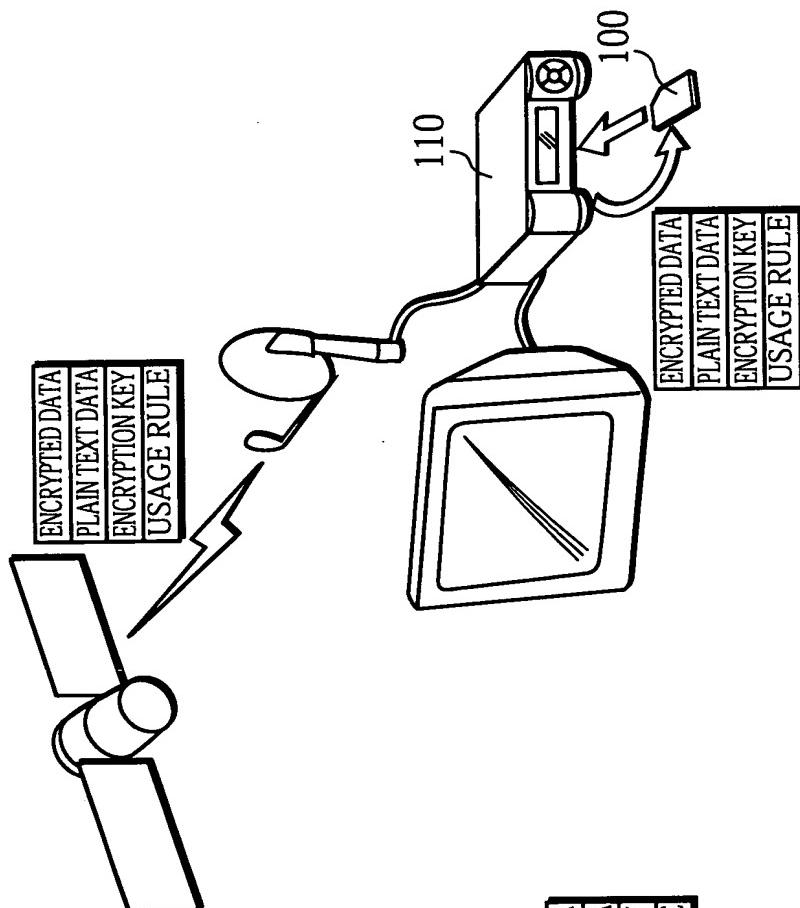
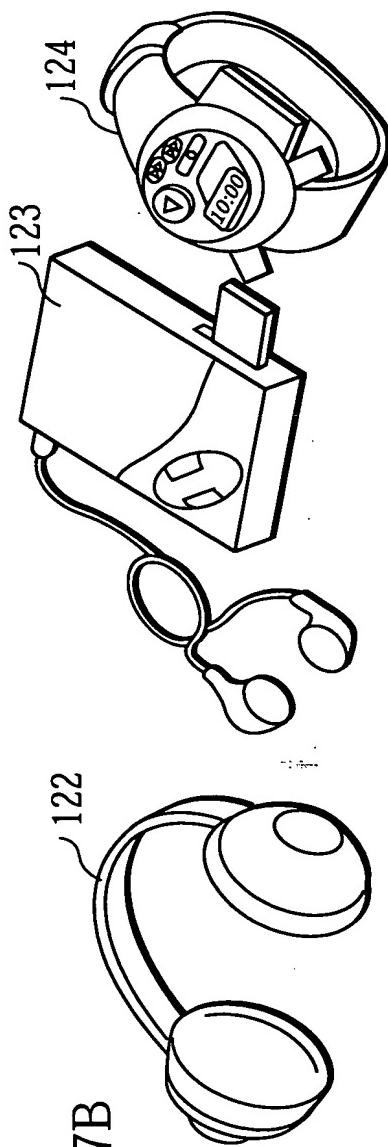
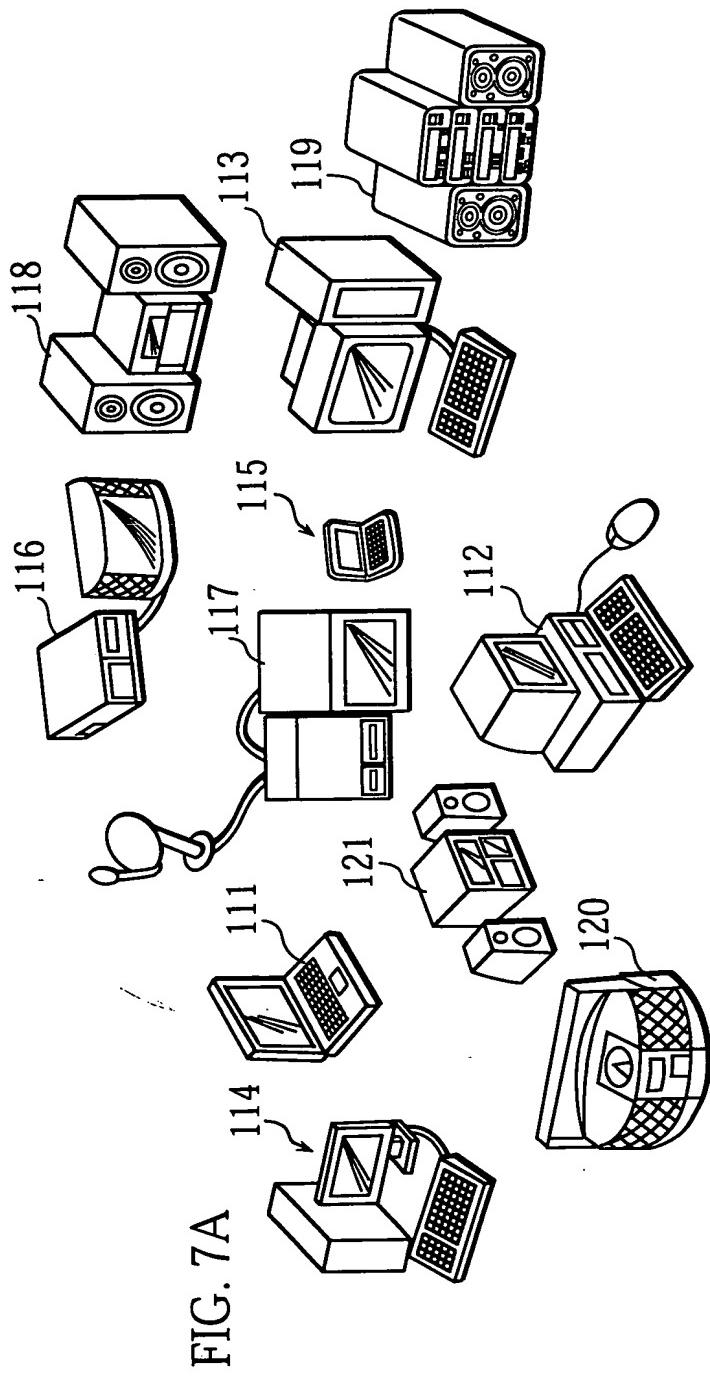


FIG. 6B





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FIG. 8A

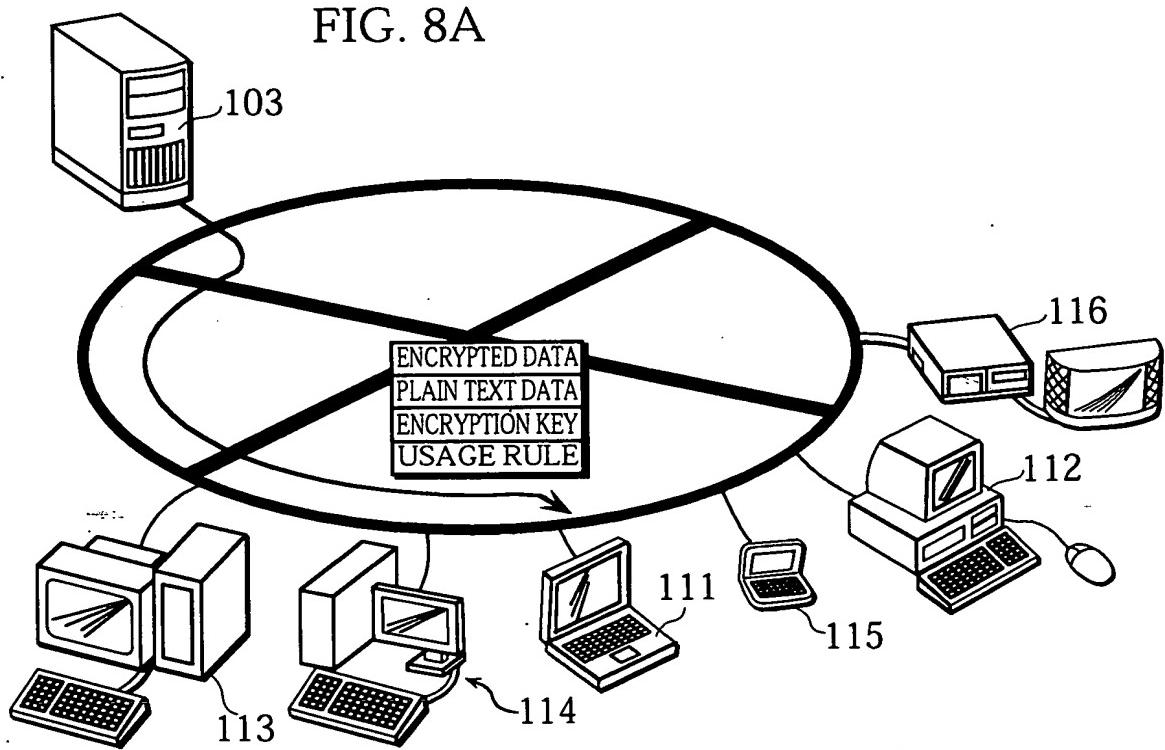


FIG. 8B

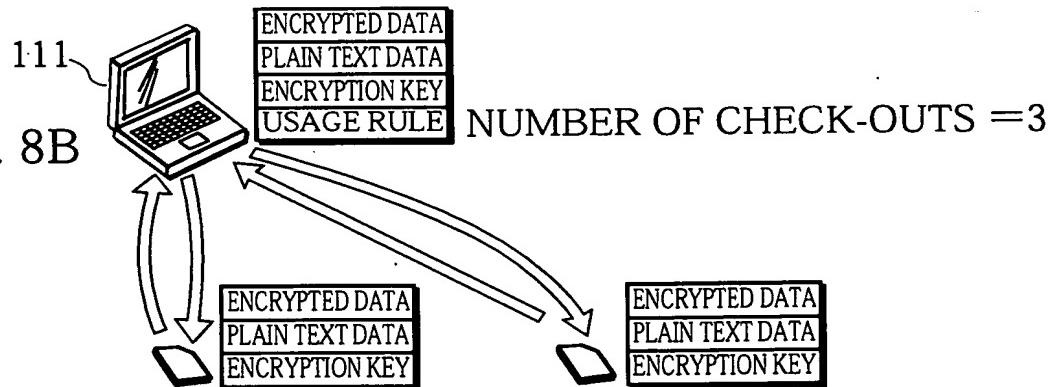


FIG. 8C

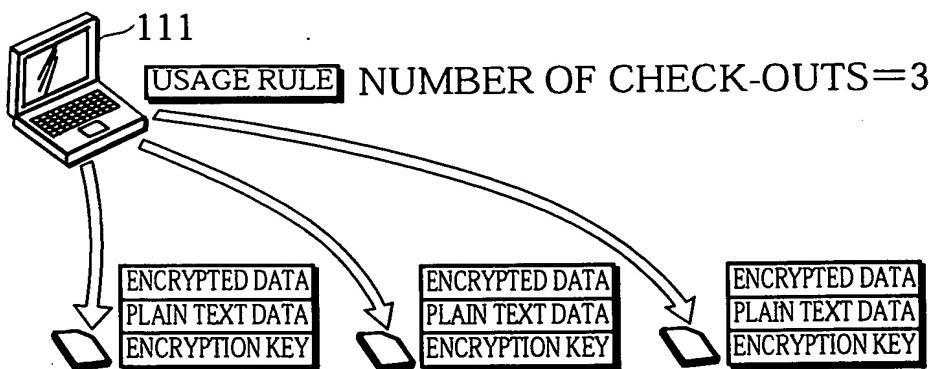


FIG. 9

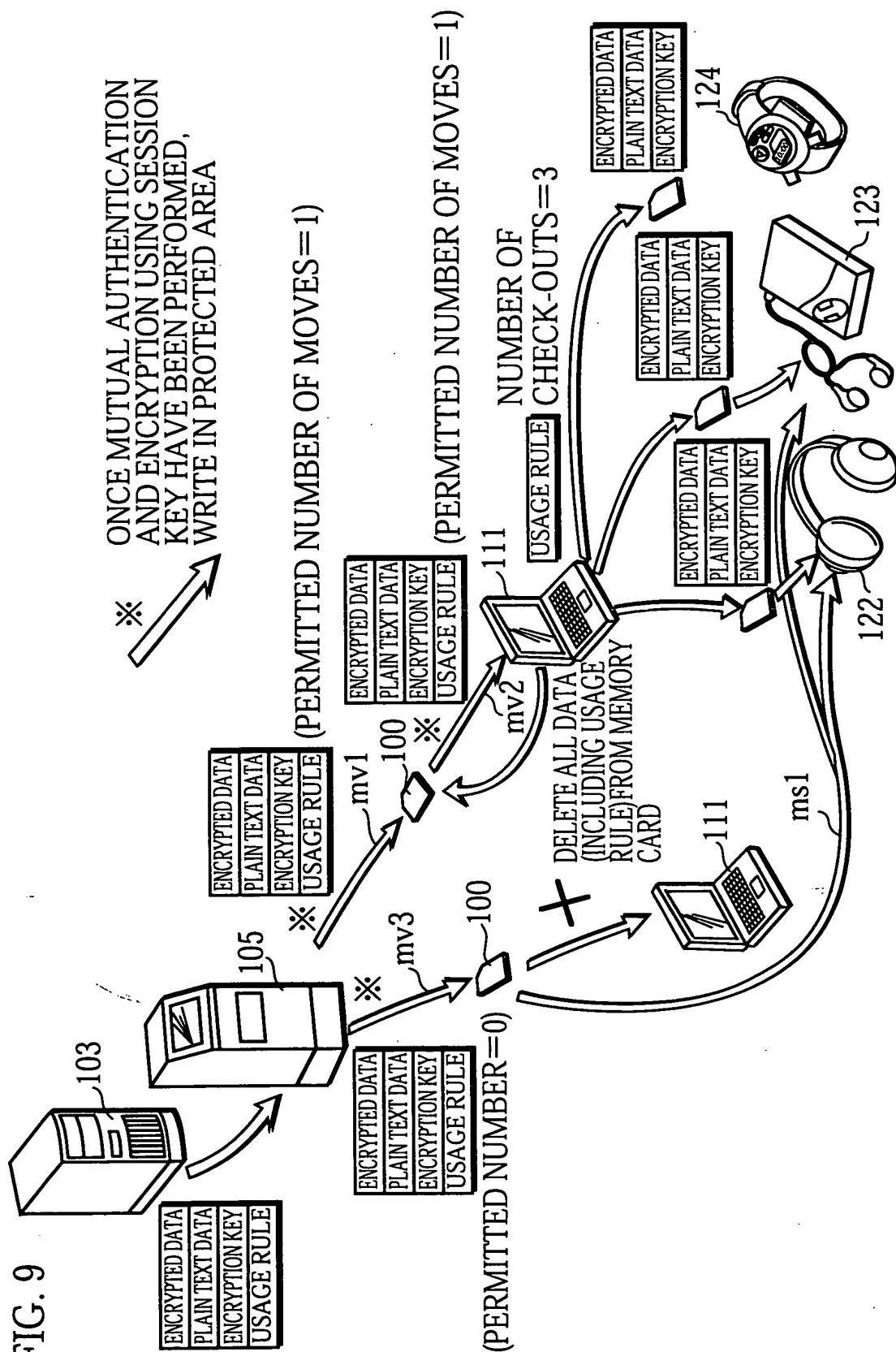


FIG. 10 DISTRIBUTION FORMAT

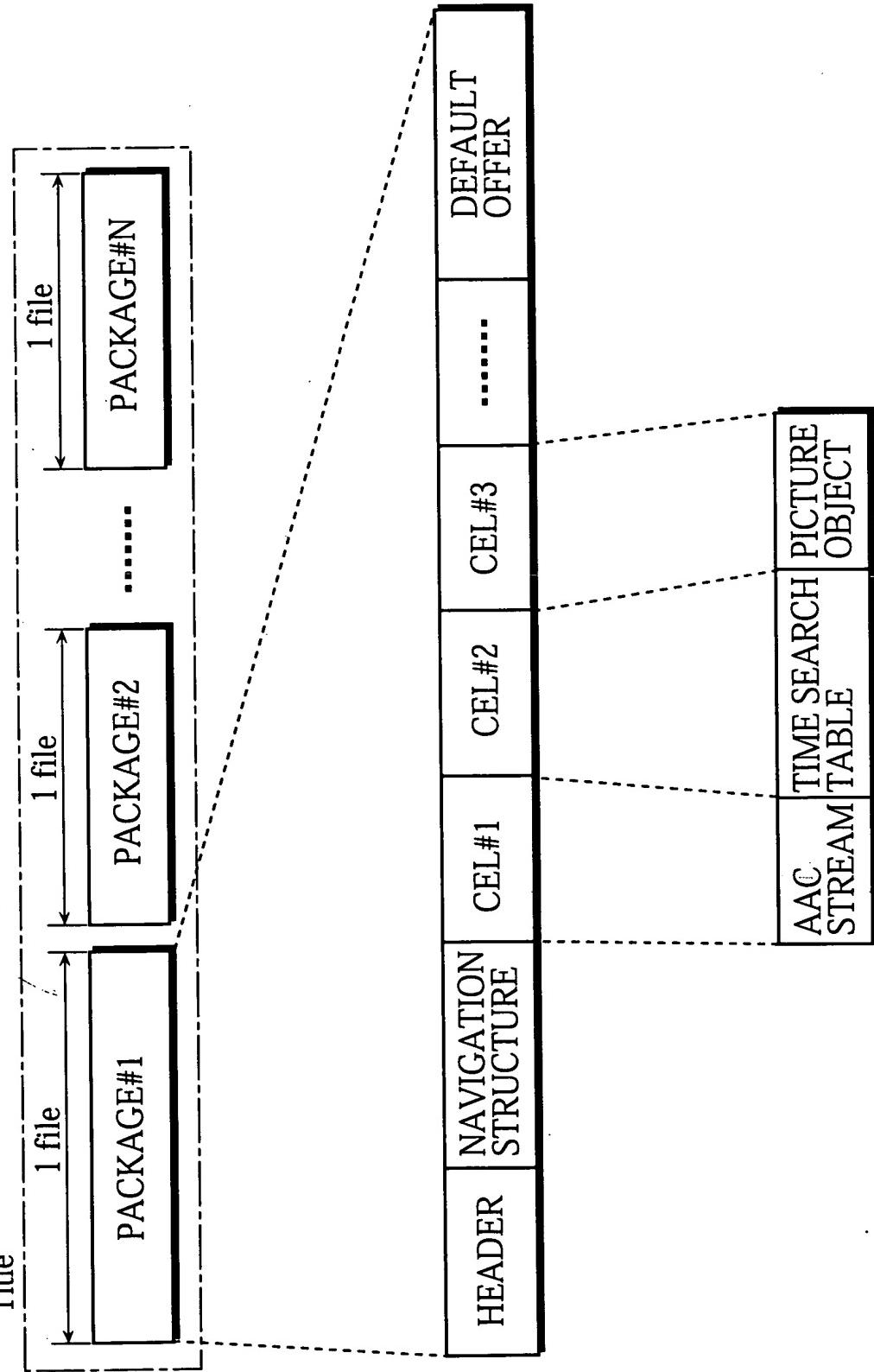


FIG. 11

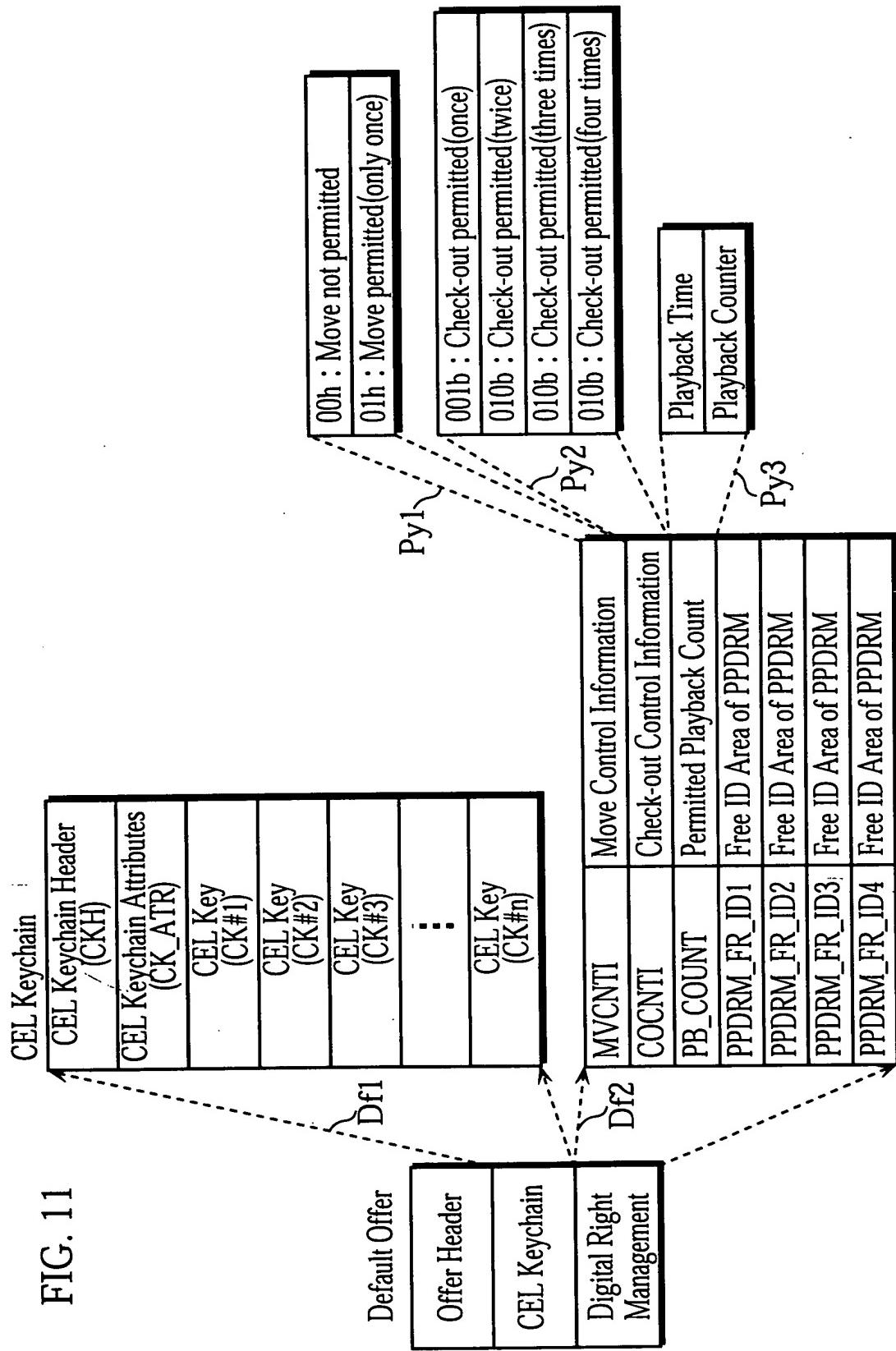


FIG. 12

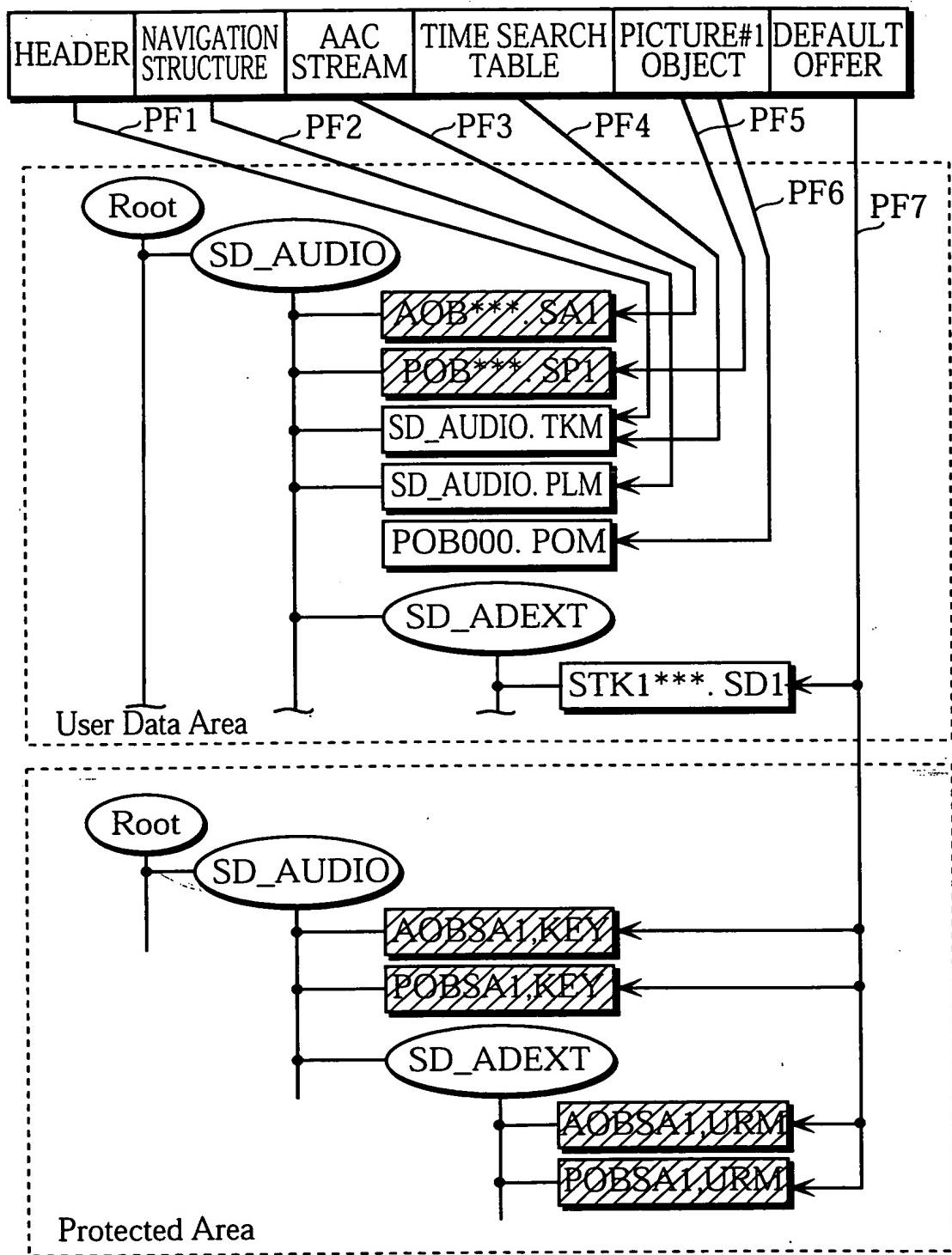
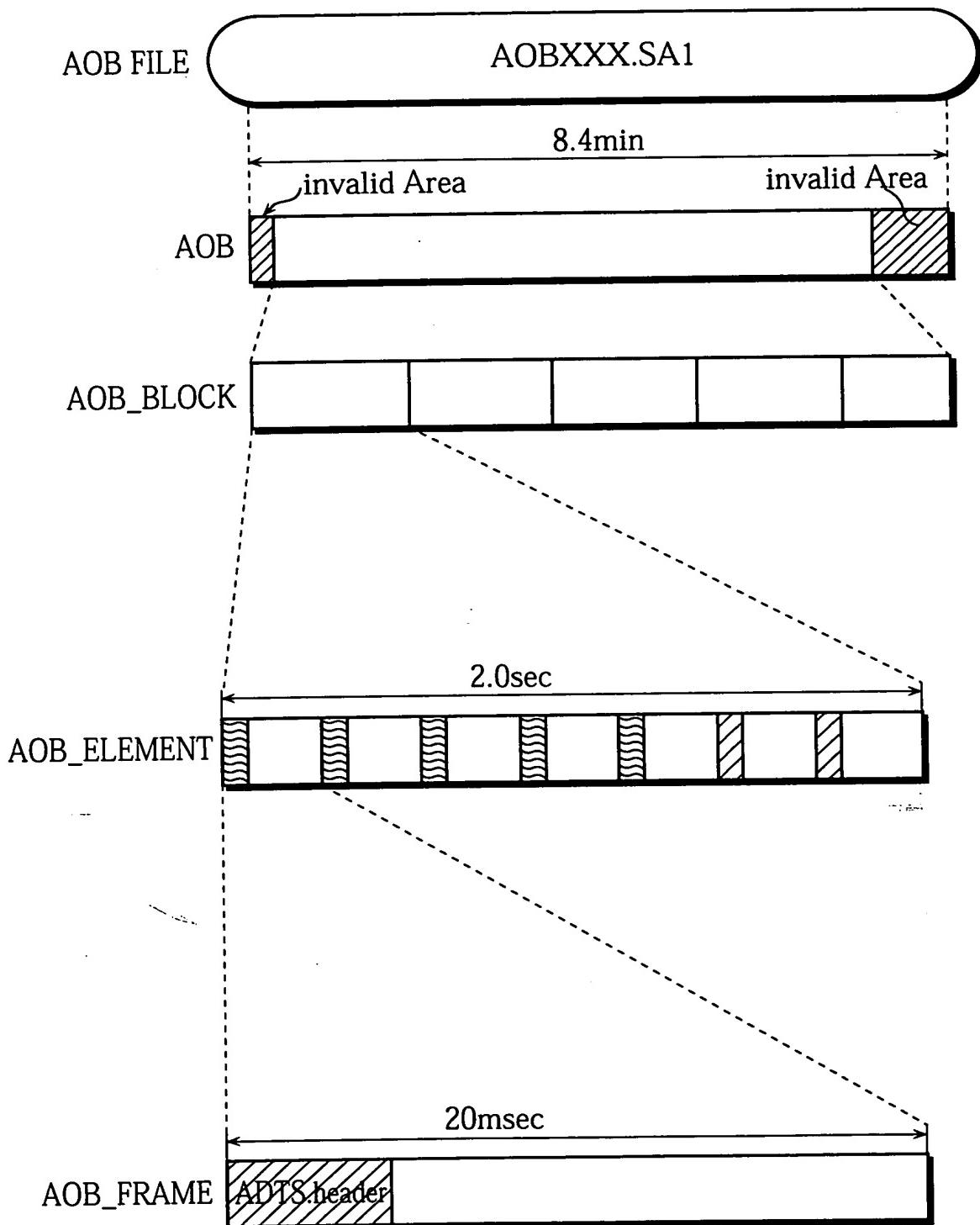


FIG. 13



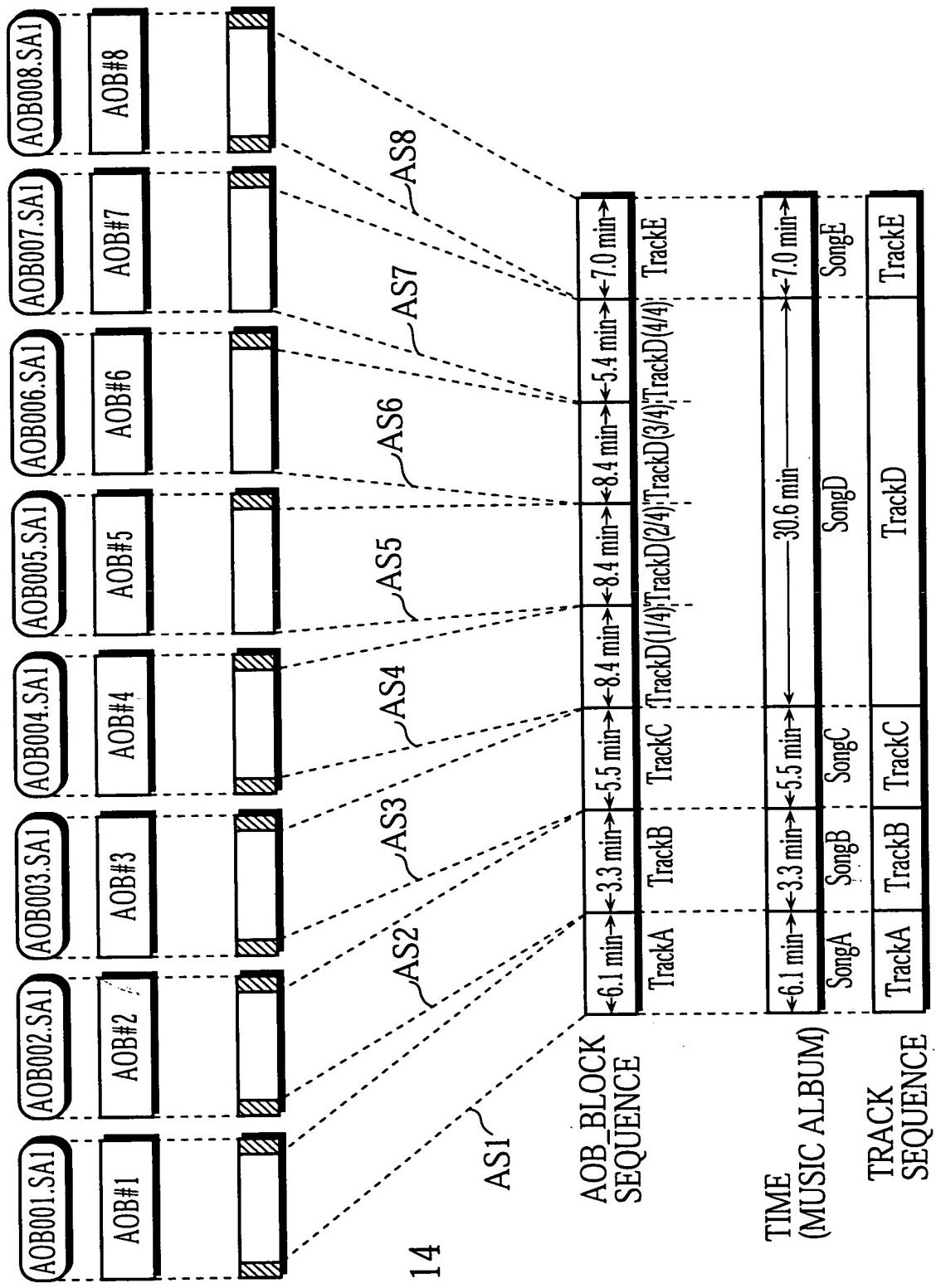


FIG. 14

FIG. 15

USER DATA AREA

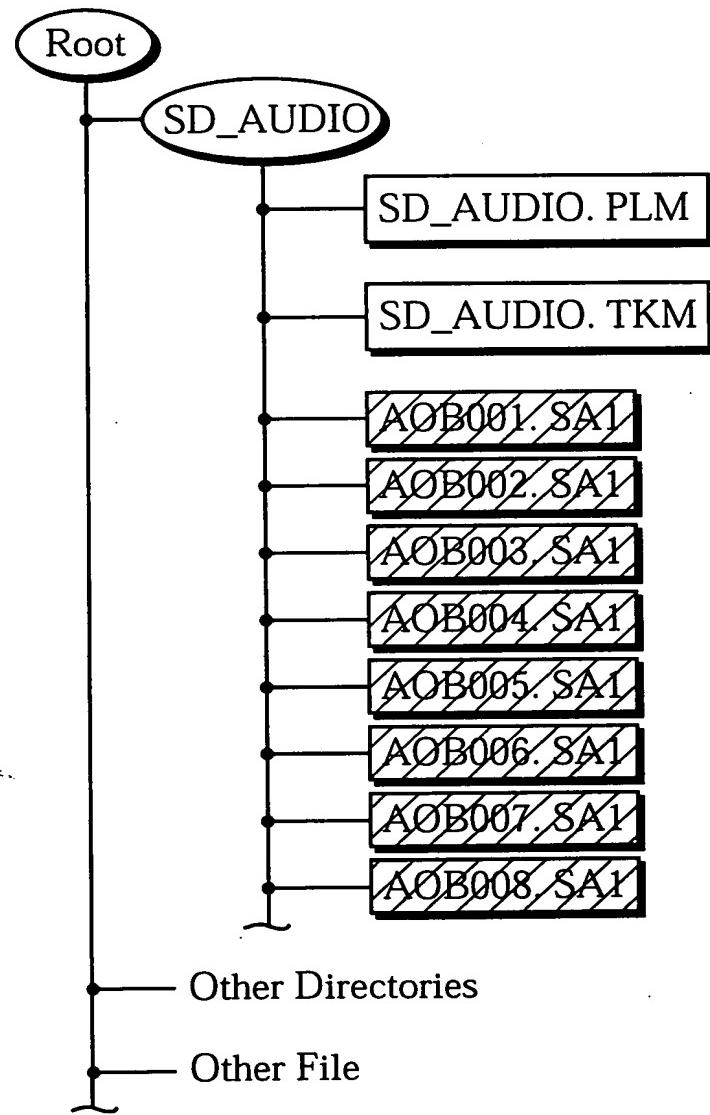


FIG. 16A

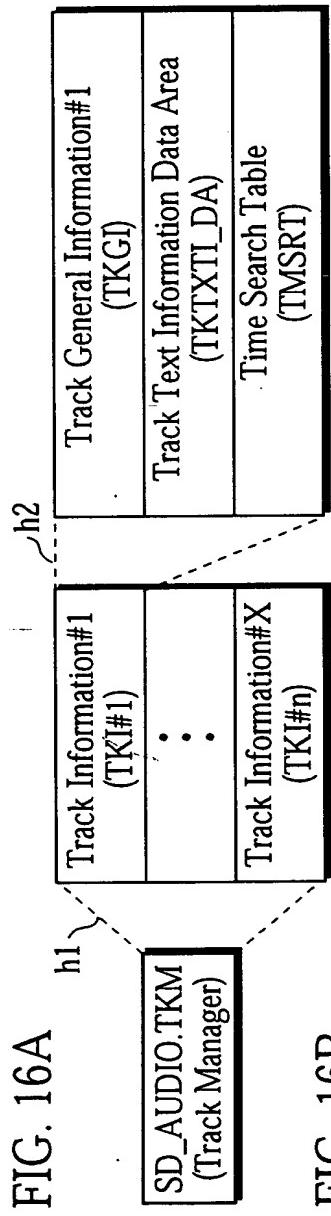


FIG. 16B TKGI

TKI_ID	TKI Identifier	DATA_OFFSET	FIRST ADDRESS OF AOB_BLOCK
TKIN	TKI Number	SZ_DATA	DATA LENGTH OF AOB_BLOCK
TKI_BLK_ATR	Block Attribute of TKI	FNs_1st_TMSRTE	NUMBER OF AOB_FRAMES IN FIRST AOB_ELEMENT
TKI_LNK_ATR	Link Pointer to next TKI	FNs_Last_TMSRTE	NUMBER OF AOB_FRAMES IN LAST AOB_ELEMENT
TKI_SZ	Size of TKI	FNs_Middle_TMSRTE	NUMBER OF AOB_FRAMES IN AOB_ELEMENT
TKI_PB_TM	Playback time of tracks	TIME_LENGTH	TIME LENGTH OF AOB_ELEMENT
TKI_AOB_ATR	Audio Attribute of TKI		
TKI_POB_ATR	Picture Attribute of TKI		
TKI_T11_ATR	Attribute of Text1		
TKI_T12_ATR	Attribute of Text2		
TKI_TMSRT_SA	Start Address of TMSRT		
ISRC	ISRC code		
TKI_APP_ATR	TKI application attributes		
BIT	Block Information Table		
TKI_POB_SRP	TKI_POB Search Pointers(4b*20)		

FIG. 17

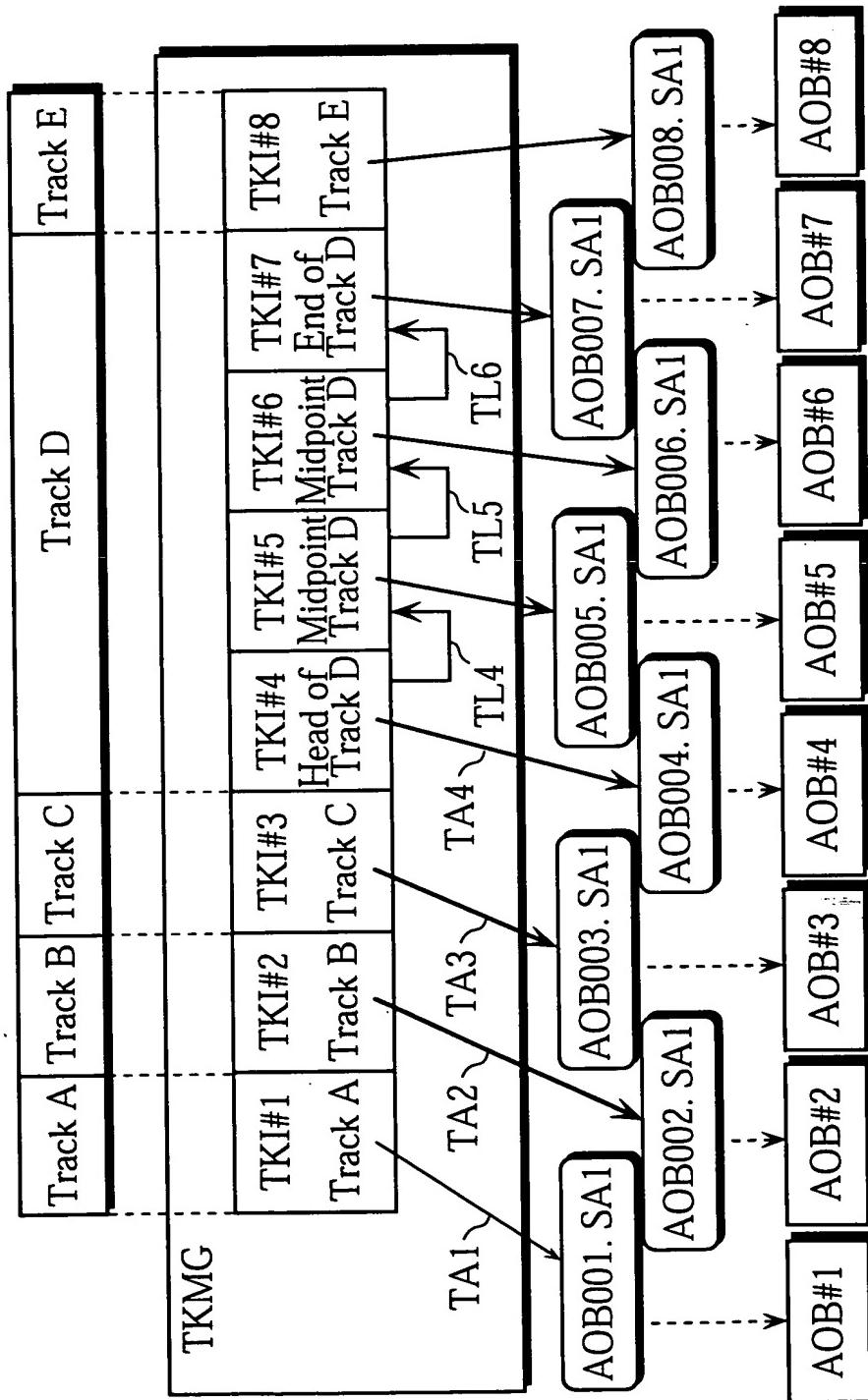


FIG. 18A

Track C, E COMBINED TO FORM Track C (case 3)

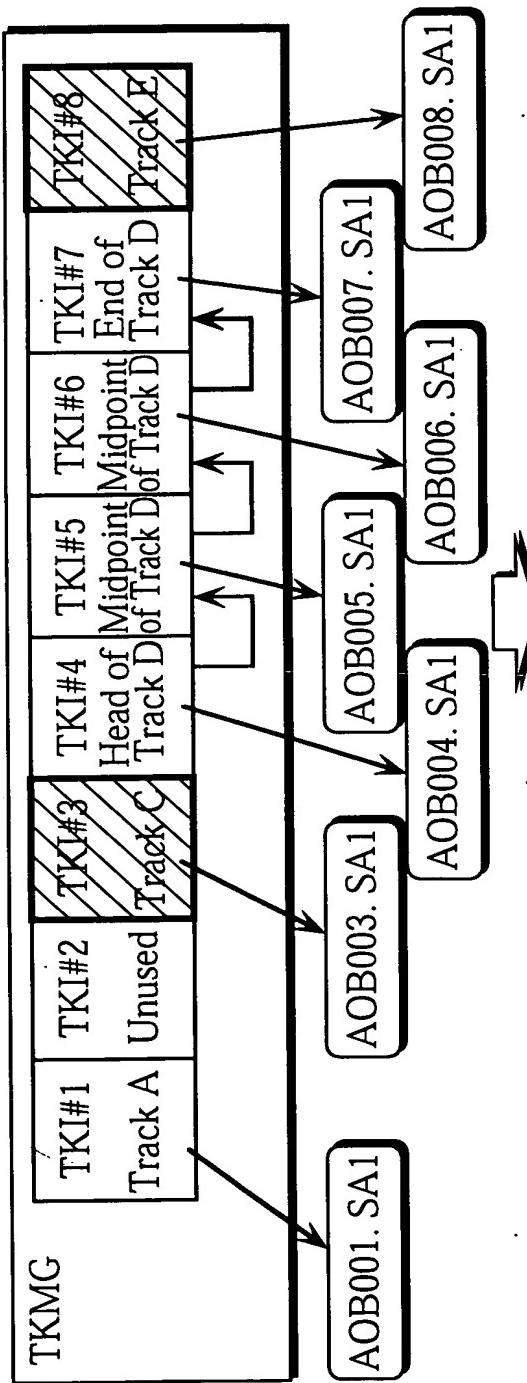


FIG. 18B

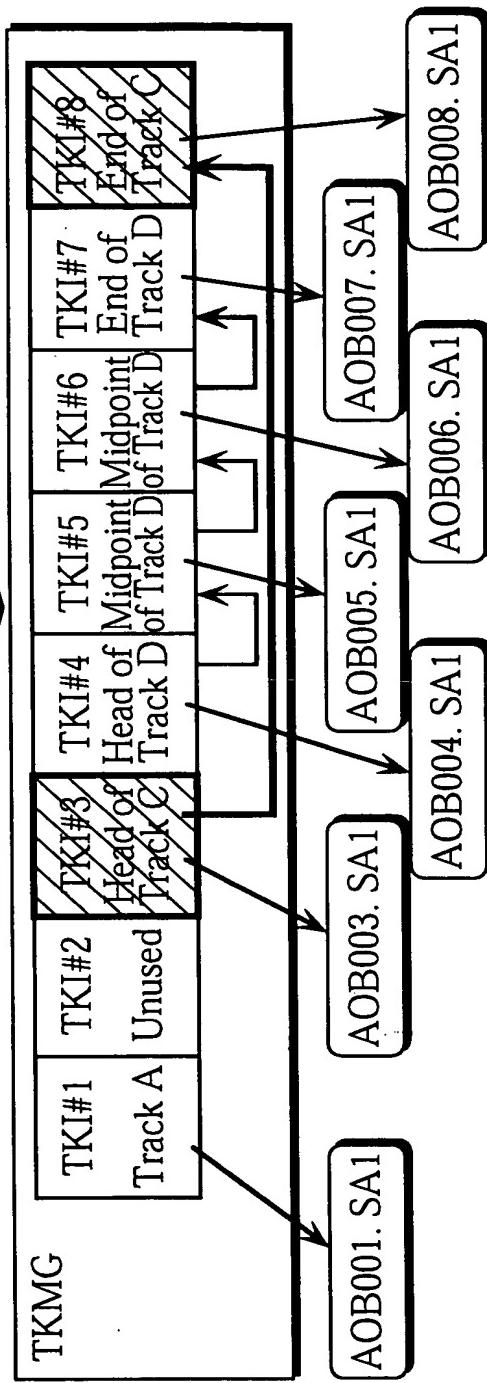


FIG. 19A

TRACK C DIVIDED INTO Tracks C AND F (case 4)

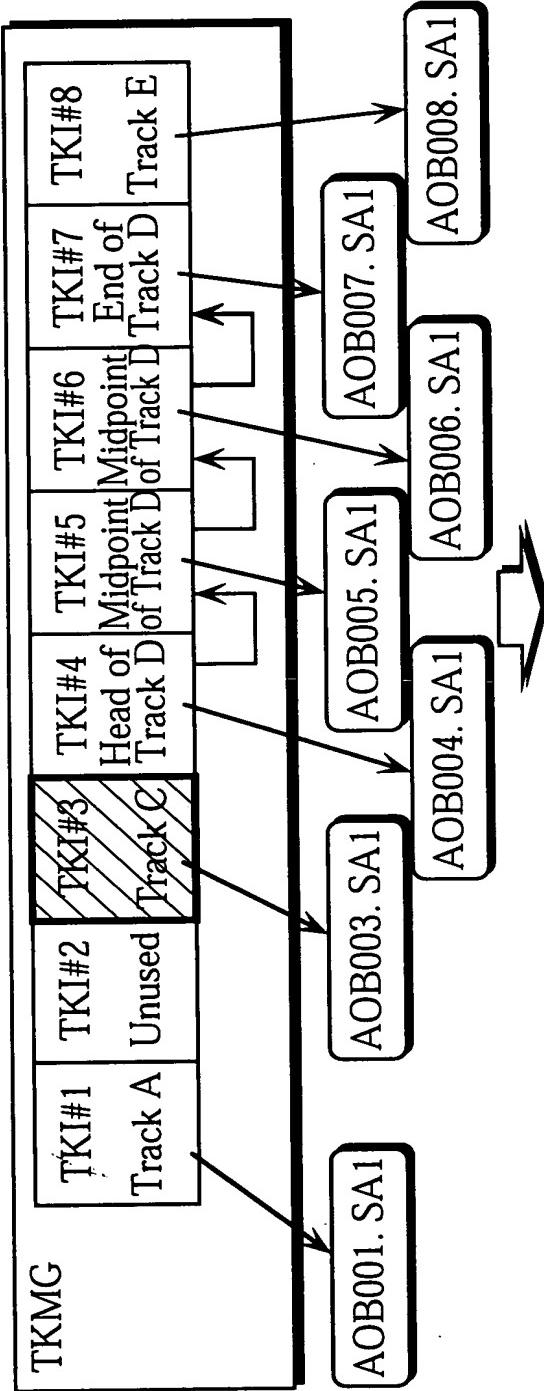


FIG. 19B

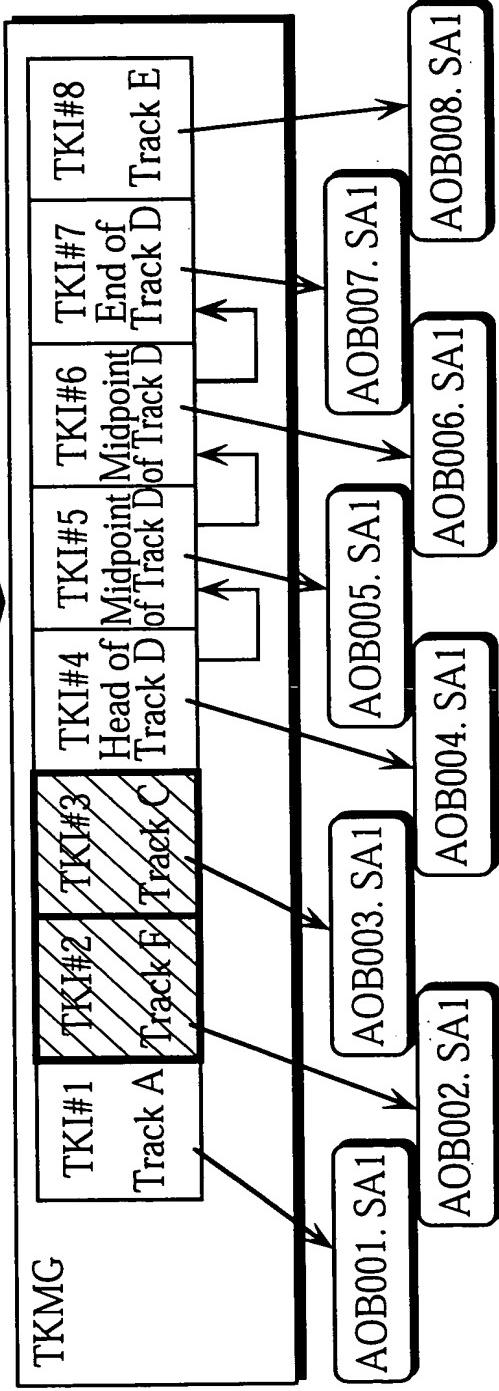


FIG. 20

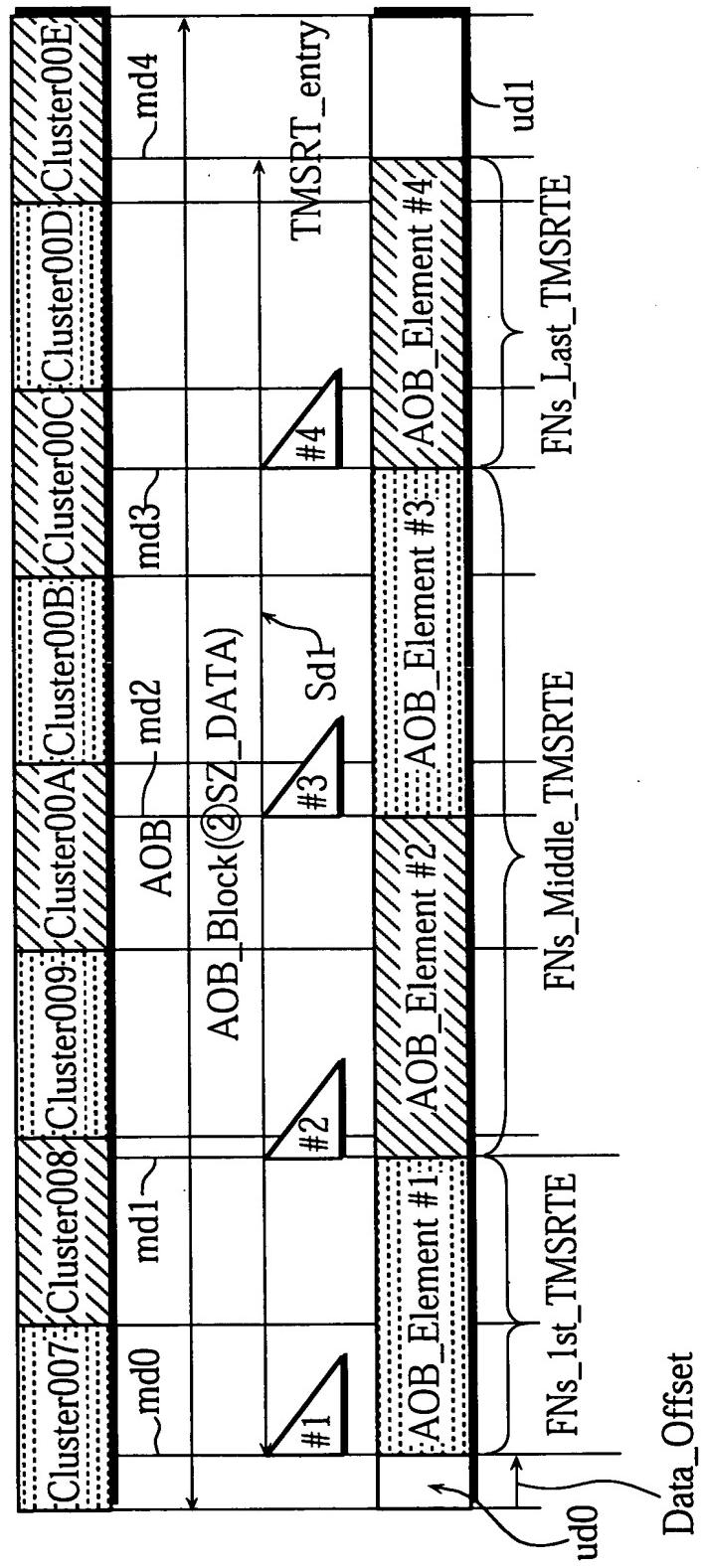


FIG. 21

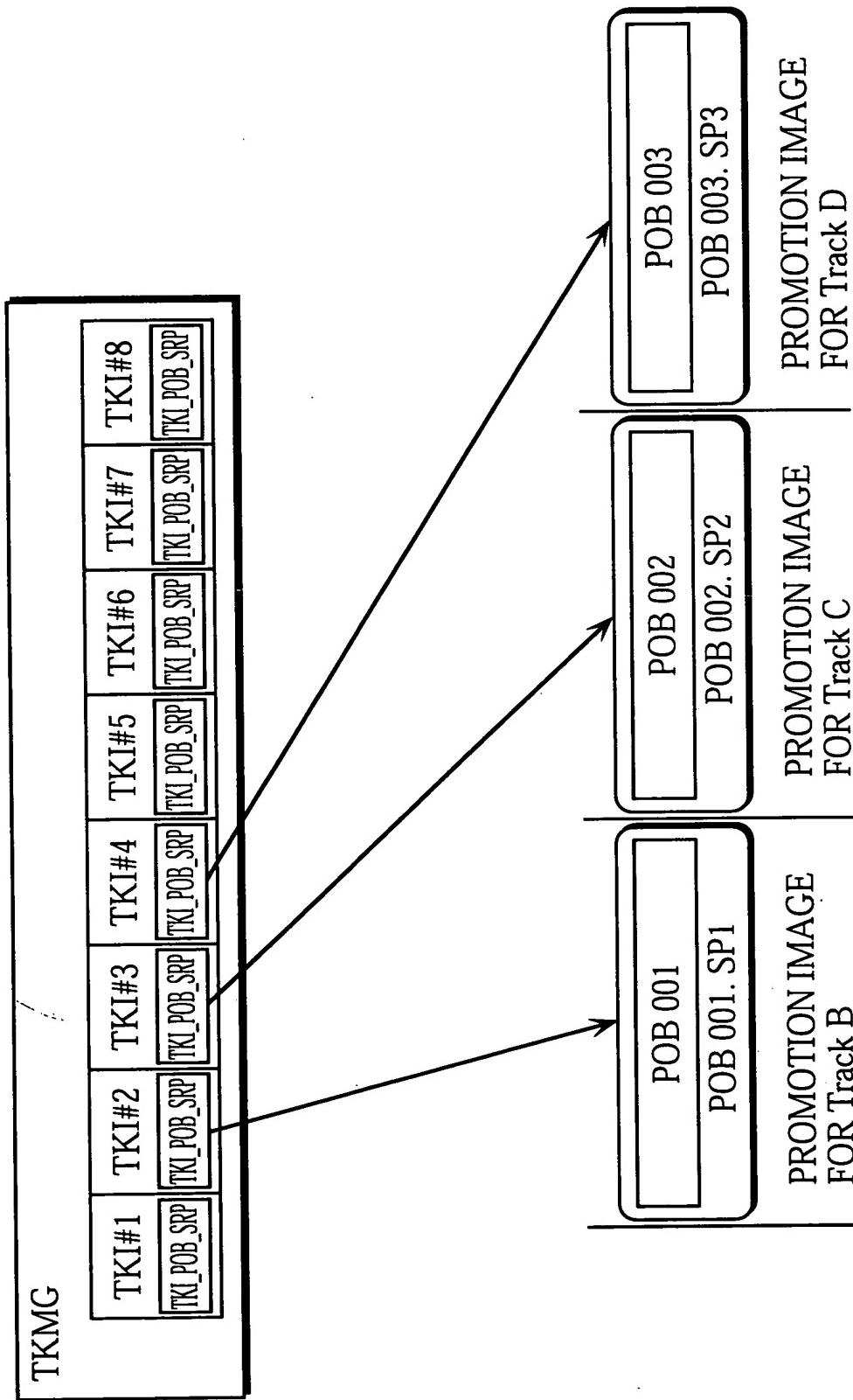


FIG. 22

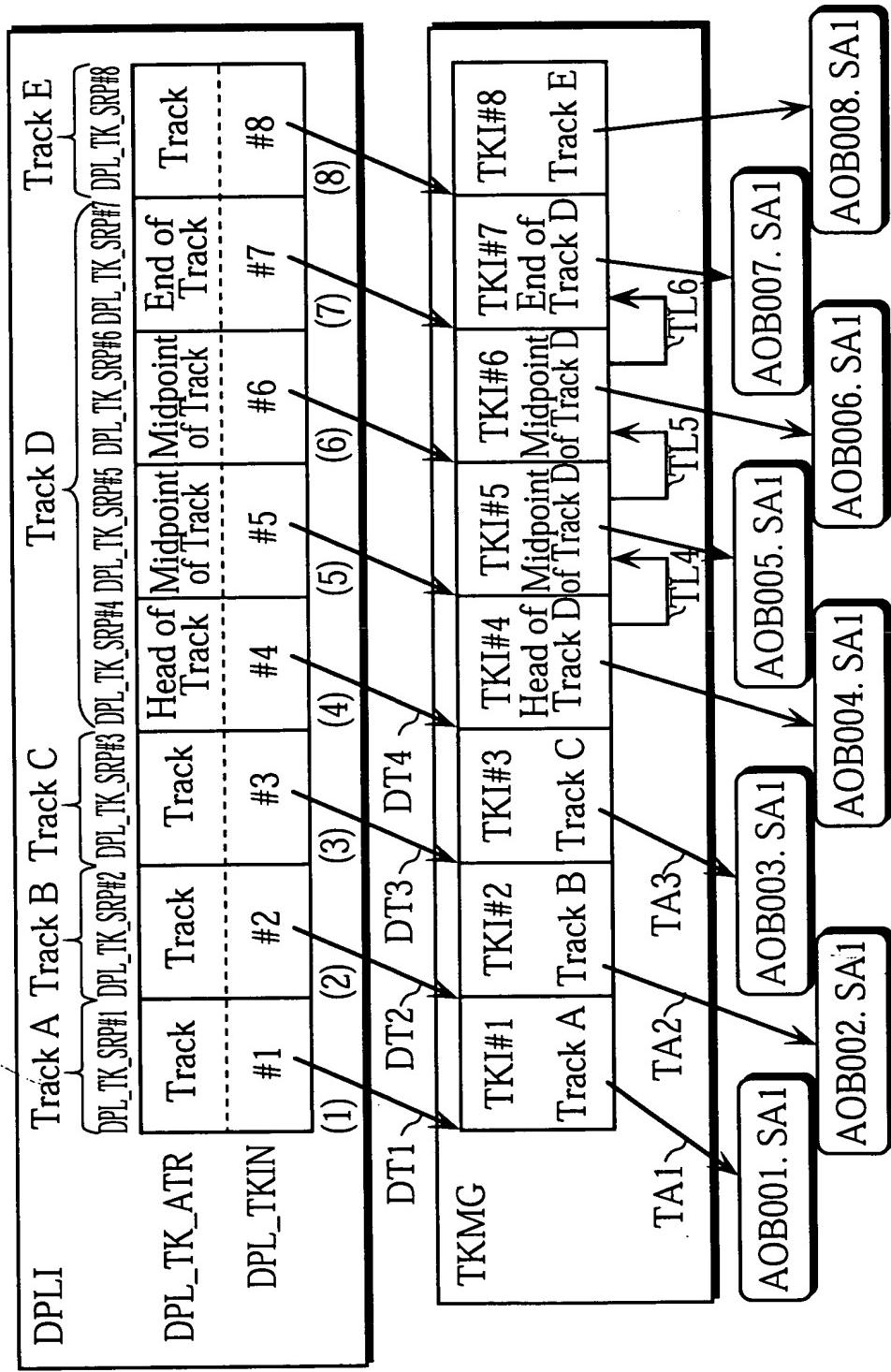


FIG. 23A

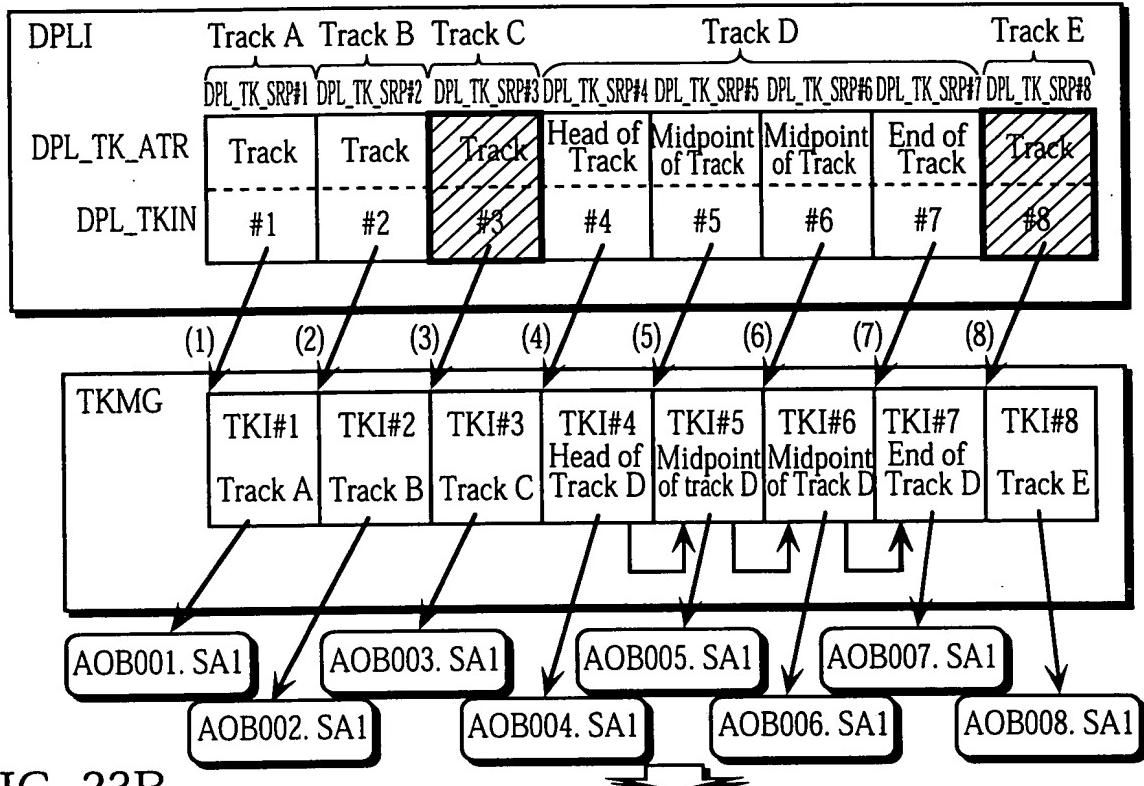
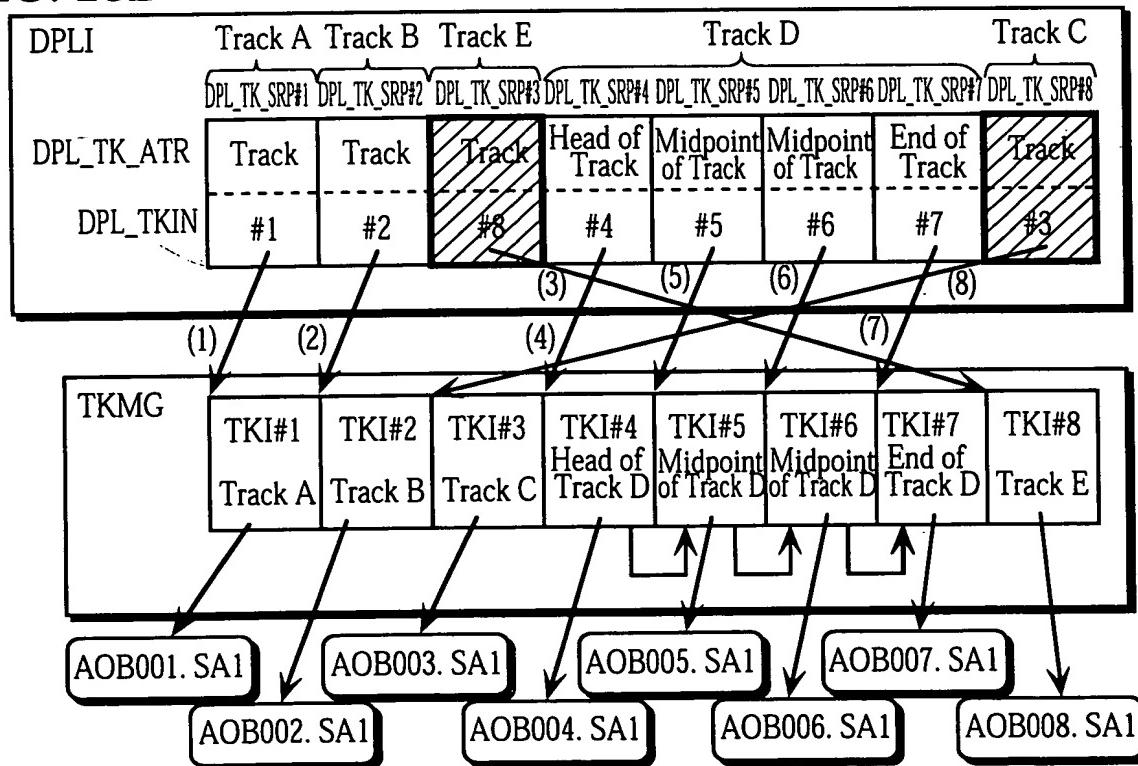


FIG. 23B



Secure Track Information(S_TKI)	
Secure Track General Information (S_TKGJ) (Mandatory)	
Secure Track Text Information Data Area (S_TKTTXTI_DA) (Mandatory)	

FIG. 24

S_TKI_ID	S_TKI Identifier
S_TKIN	S_TKI Number
S_TKI_BLK_ATR	Block Attribute of S_TKI
S_TKI_LNK_ATR	Link Pointer to next S_TKI
S_TKI_SZ	Size of S_TKI
S_TKI_PB_TM	Playback time of Track
S_TKI_AOB_ATR	Audio Attribute of S_TKI
reserved	reserved
S_TKI_POB_ATR	Picture Attribute of TKI
reserved	reserved
reserved	Reserved for copyright management information
reserved	reserved
S_TKI_T11_ATR	Attribute of Text1
S_TKI_T12_ATR	Attribute of Text2
reserved	reserved
S_TKI_SRC	ISRC code
S_TKI_APP_ATR	S_TKI application attributes
reserved	reserved
S_TKI_FR_ID1	Free ID Area of S_TKI
S_TKI_FR_ID2	Free ID Area of S_TKI
S_TKI_FR_ID3	Free ID Area of S_TKI
S_TKI_FR_ID4	Free ID Area of S_TKI
reserved	reserved
S_TKI_POB_SR	S_TKI_POB Search Pointers(4B*20)

FIG. 25

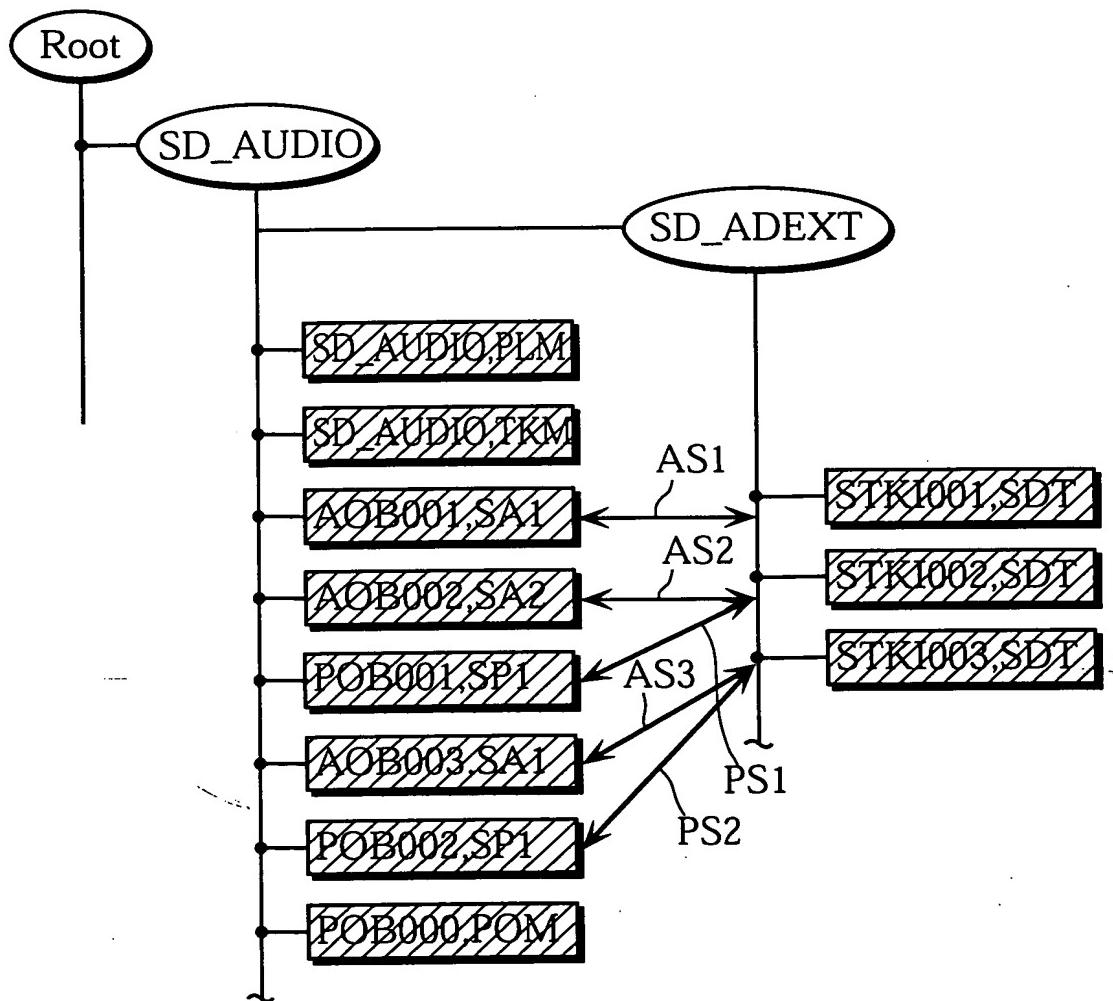


FIG. 26

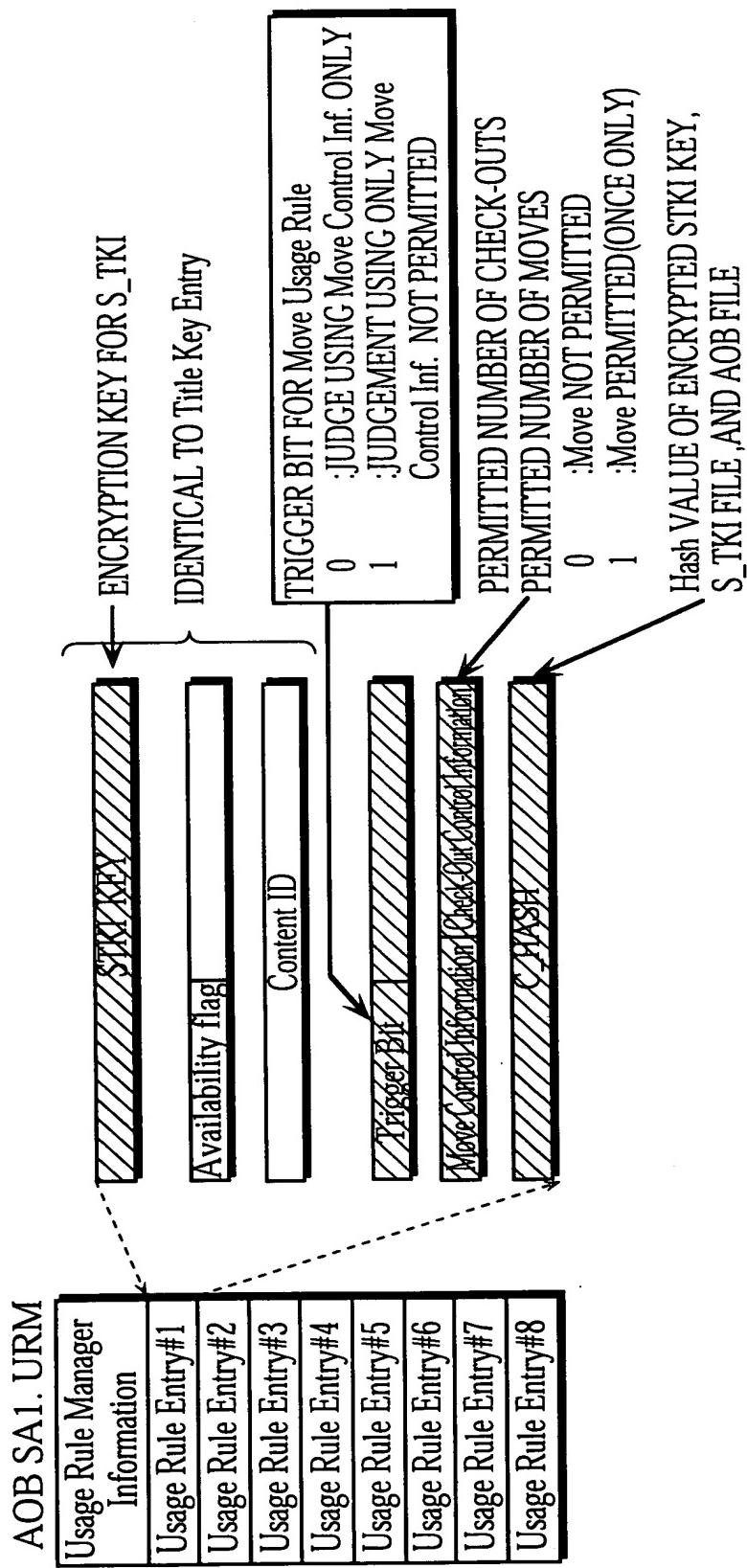


FIG. 27

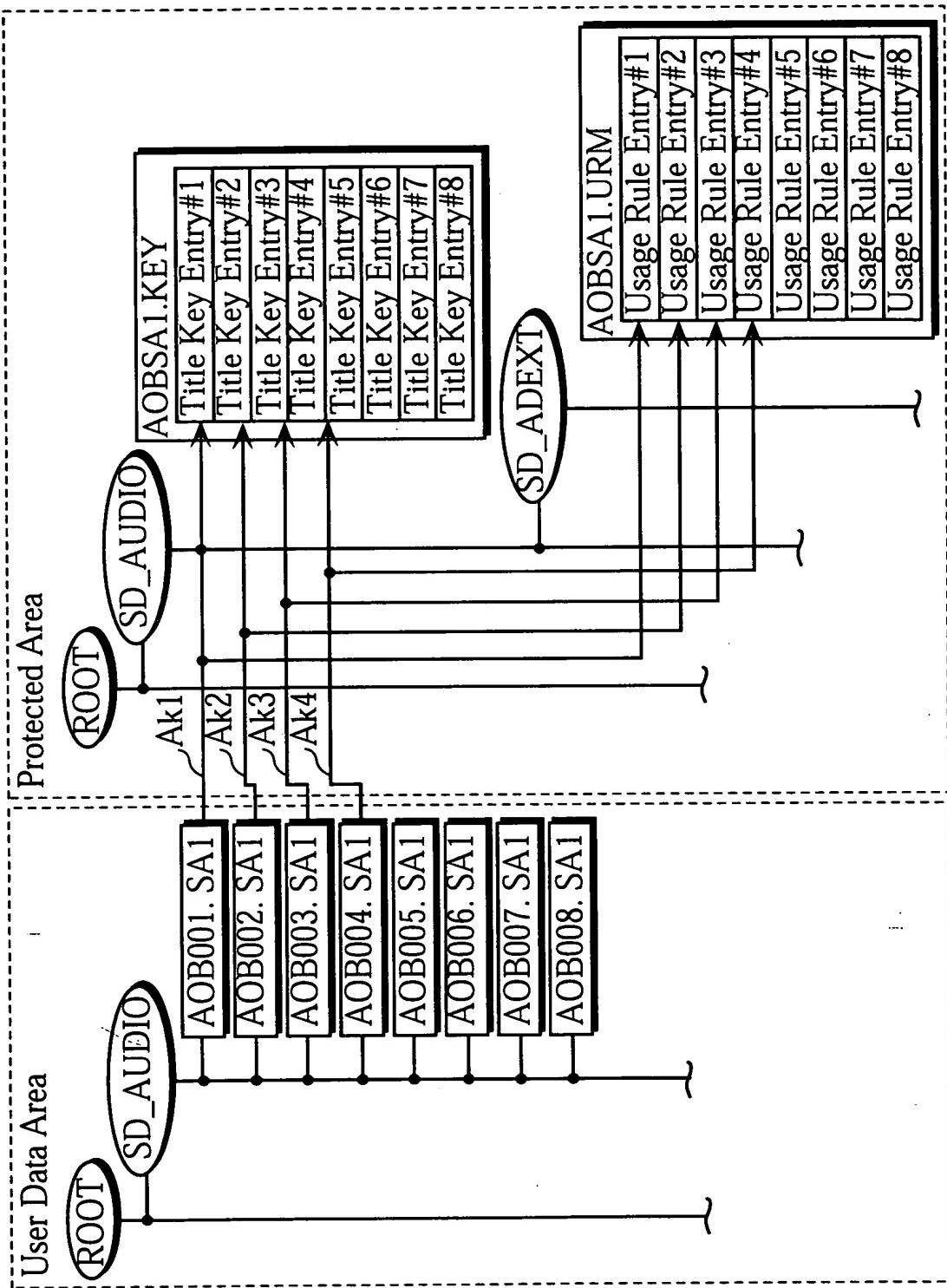


FIG. 28A

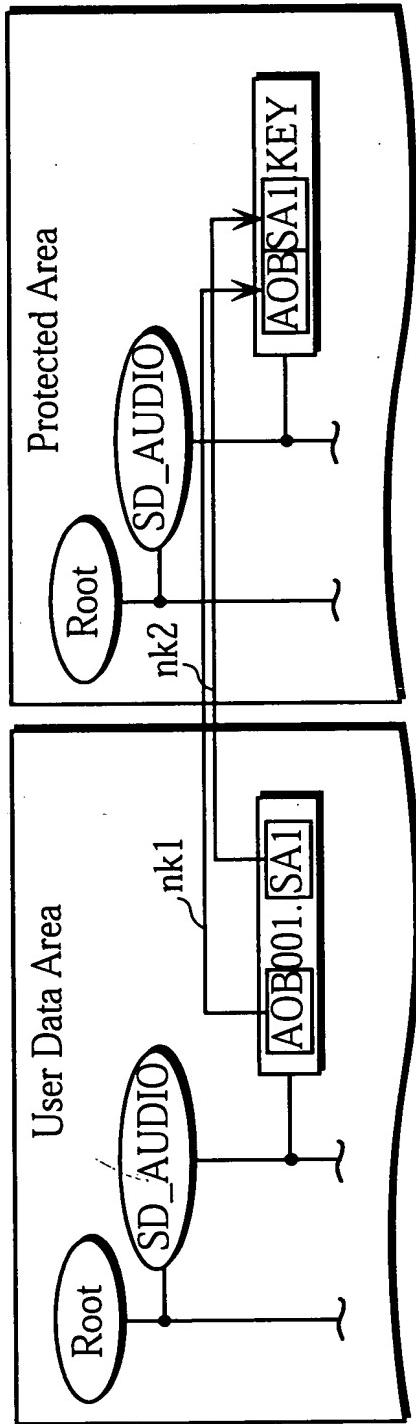


FIG. 28B

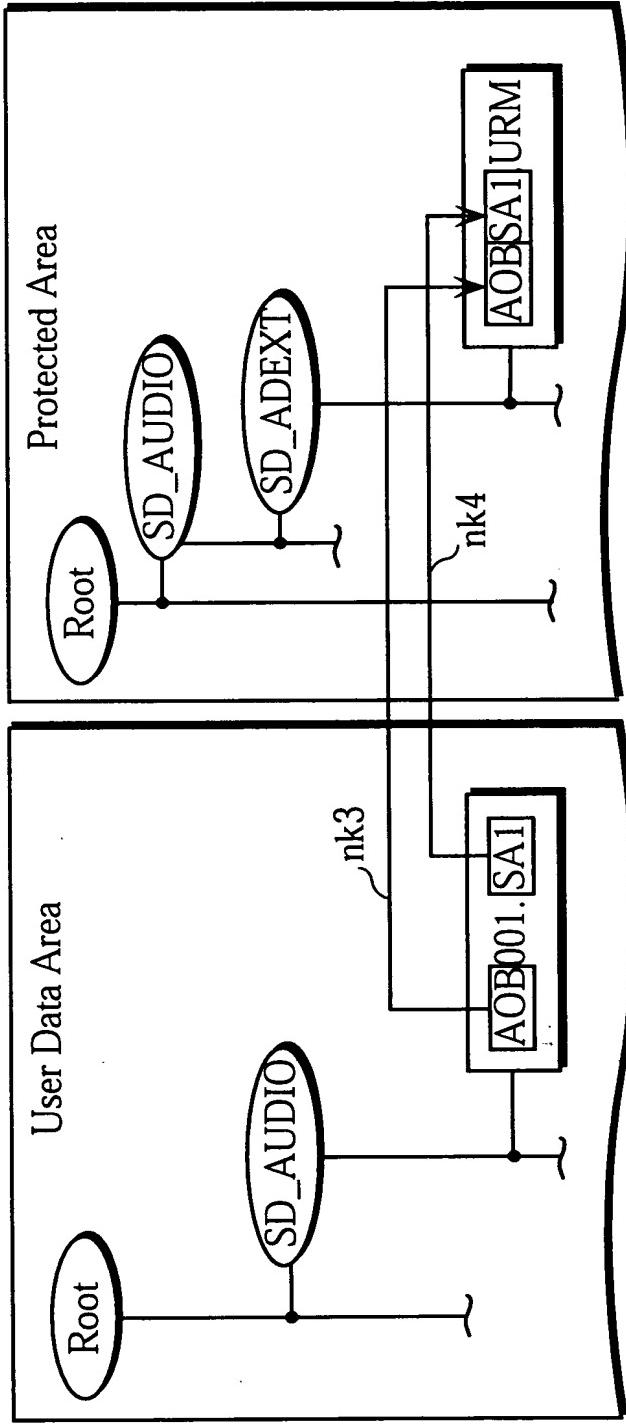


FIG. 29

A O B S A 1 . K E Y

Title Key Entry

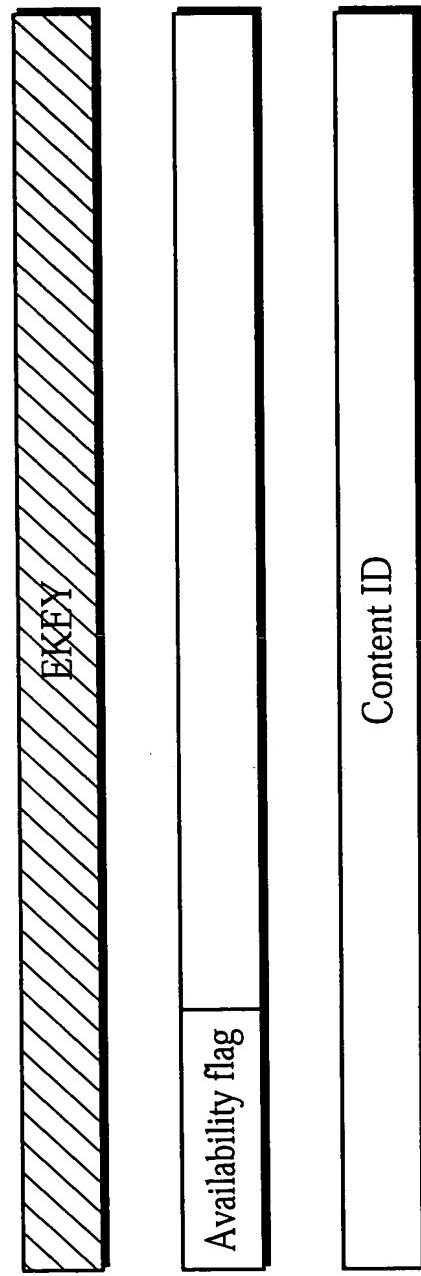


FIG. 30A SD MEMORY CARD

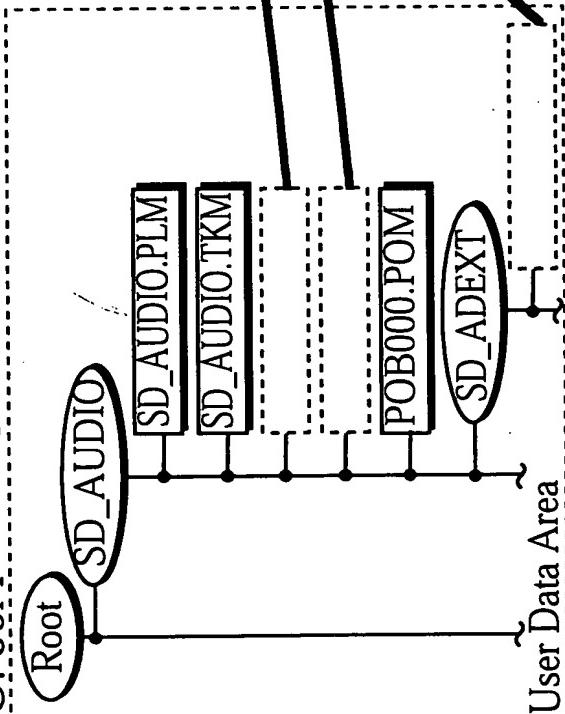


FIG. 30B LOCAL STORAGE

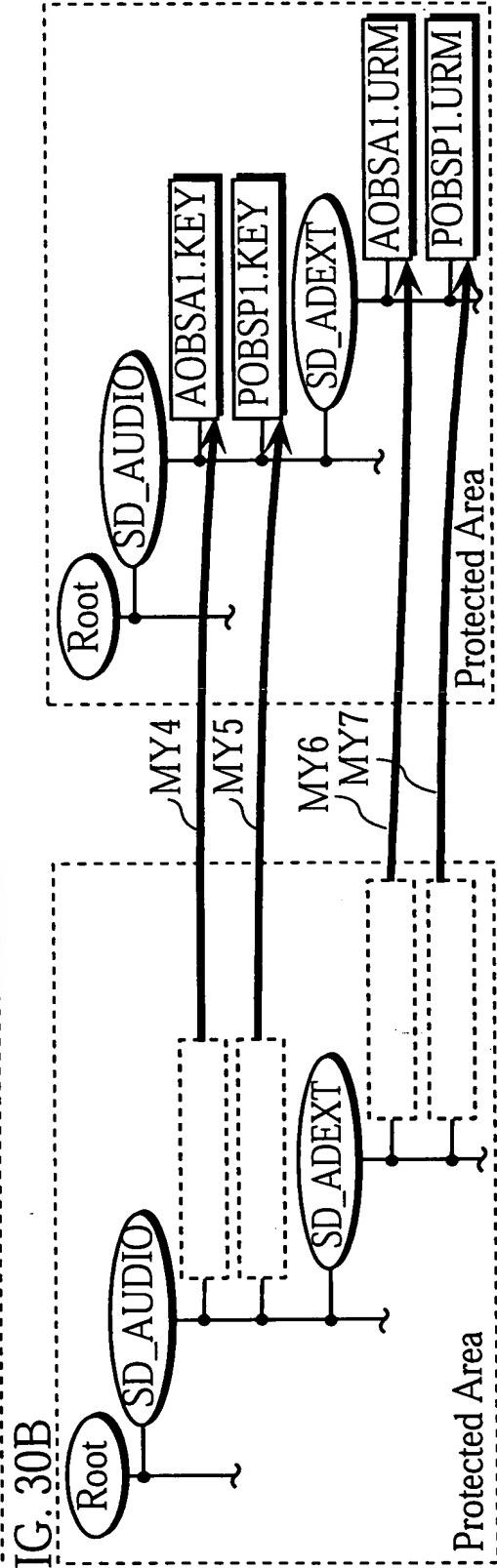


FIG. 31A SD MEMORY CARD

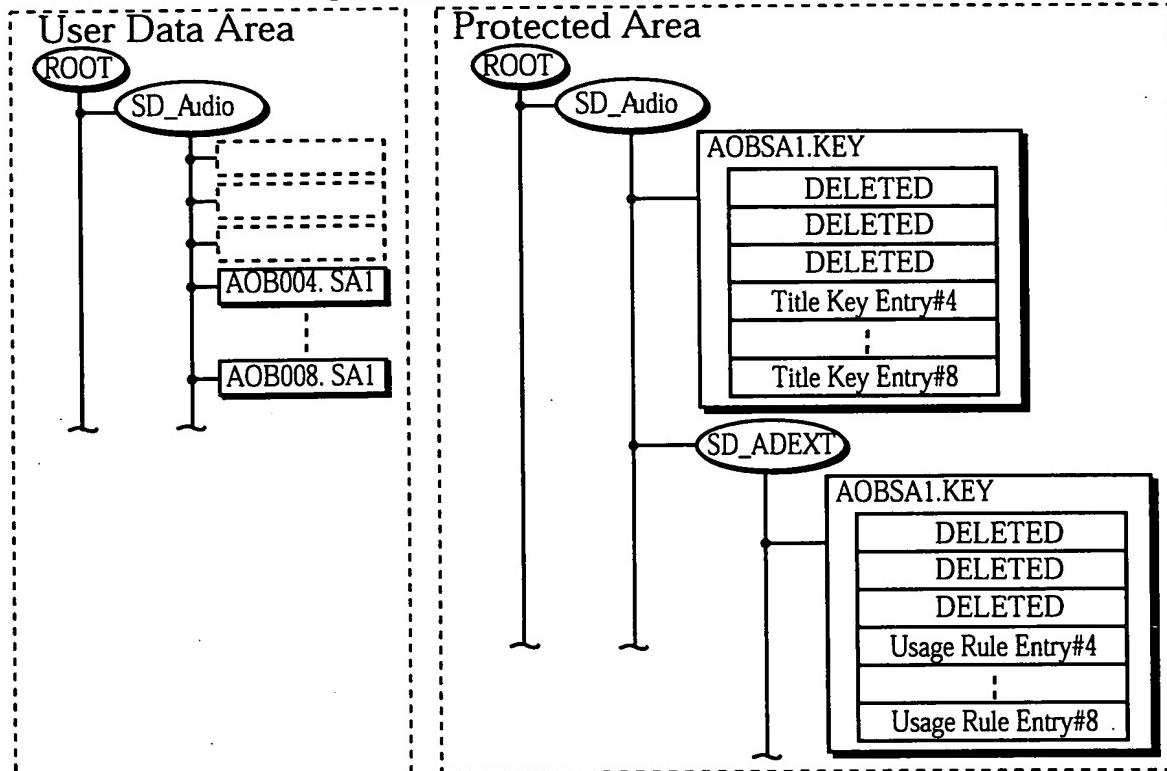


FIG. 31B LOCAL STORAGE

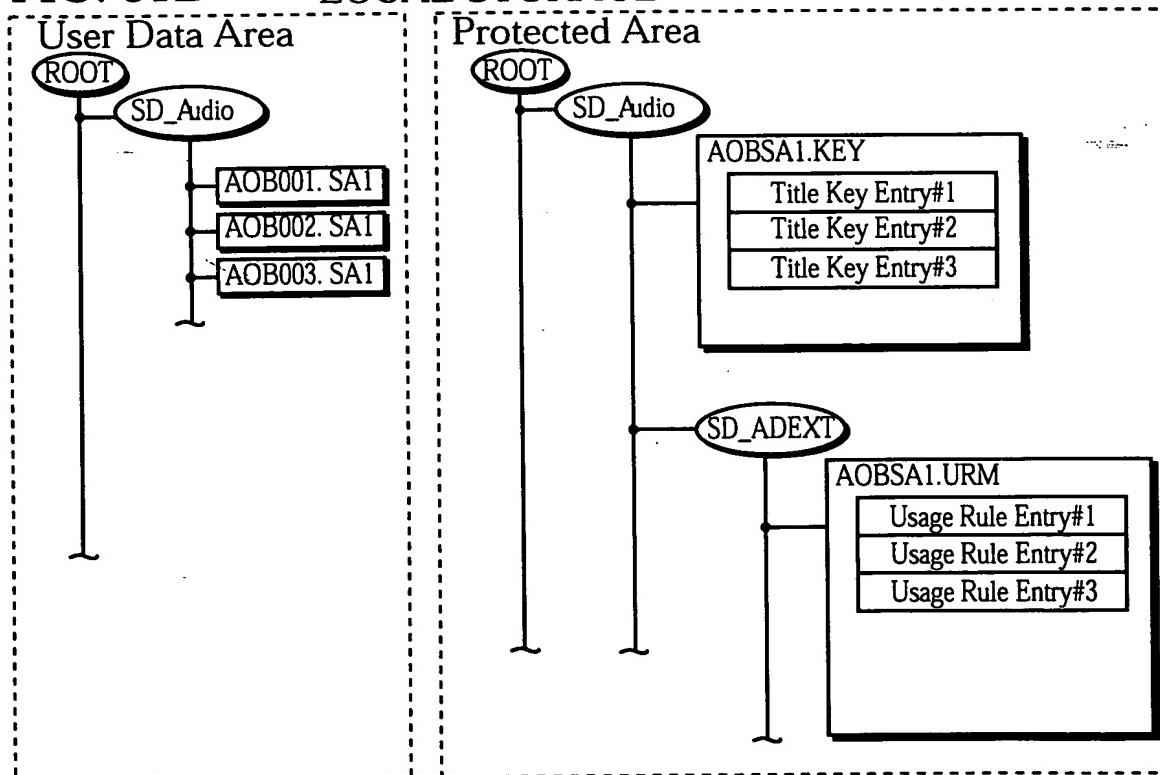


FIG. 32

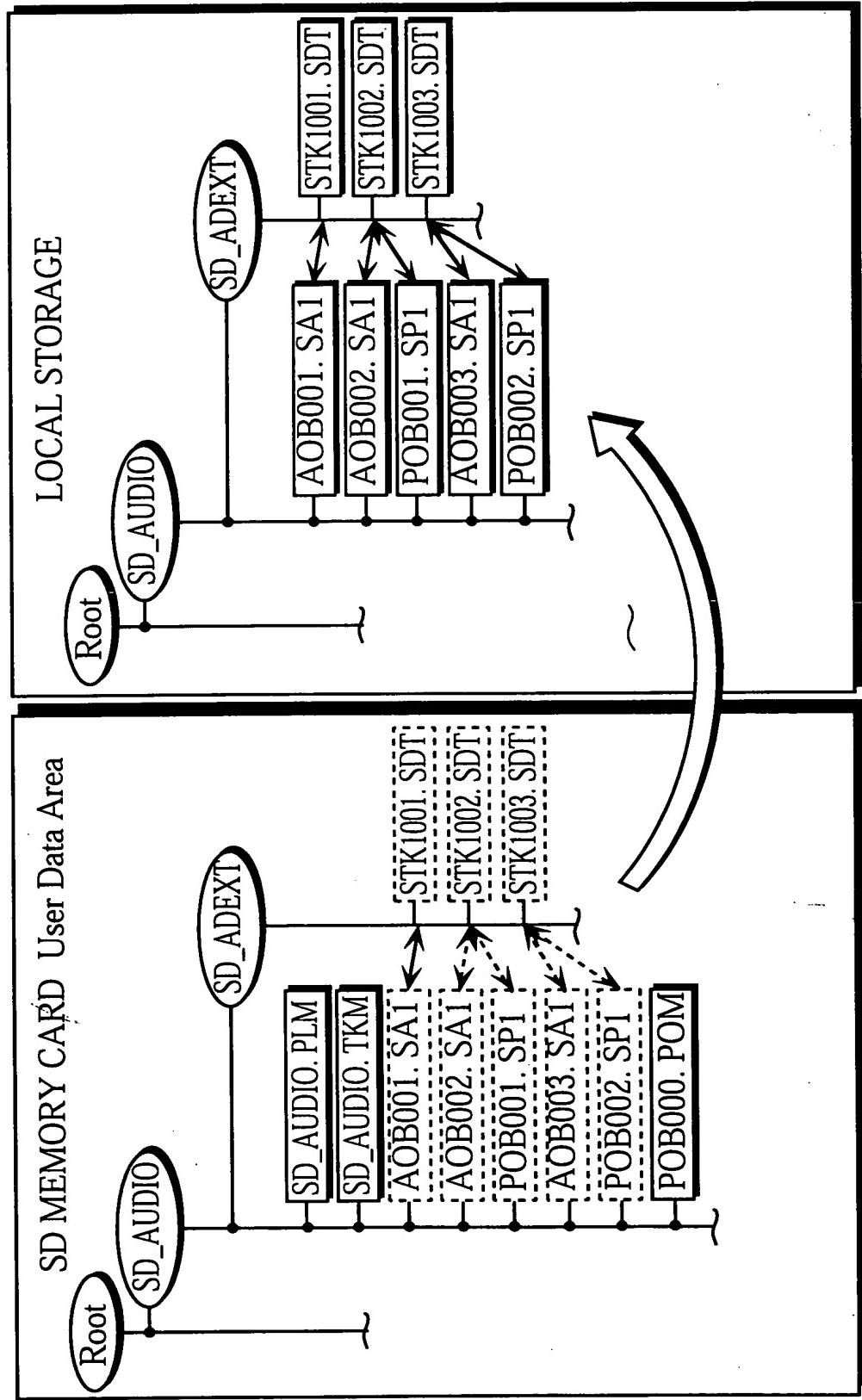


FIG. 33

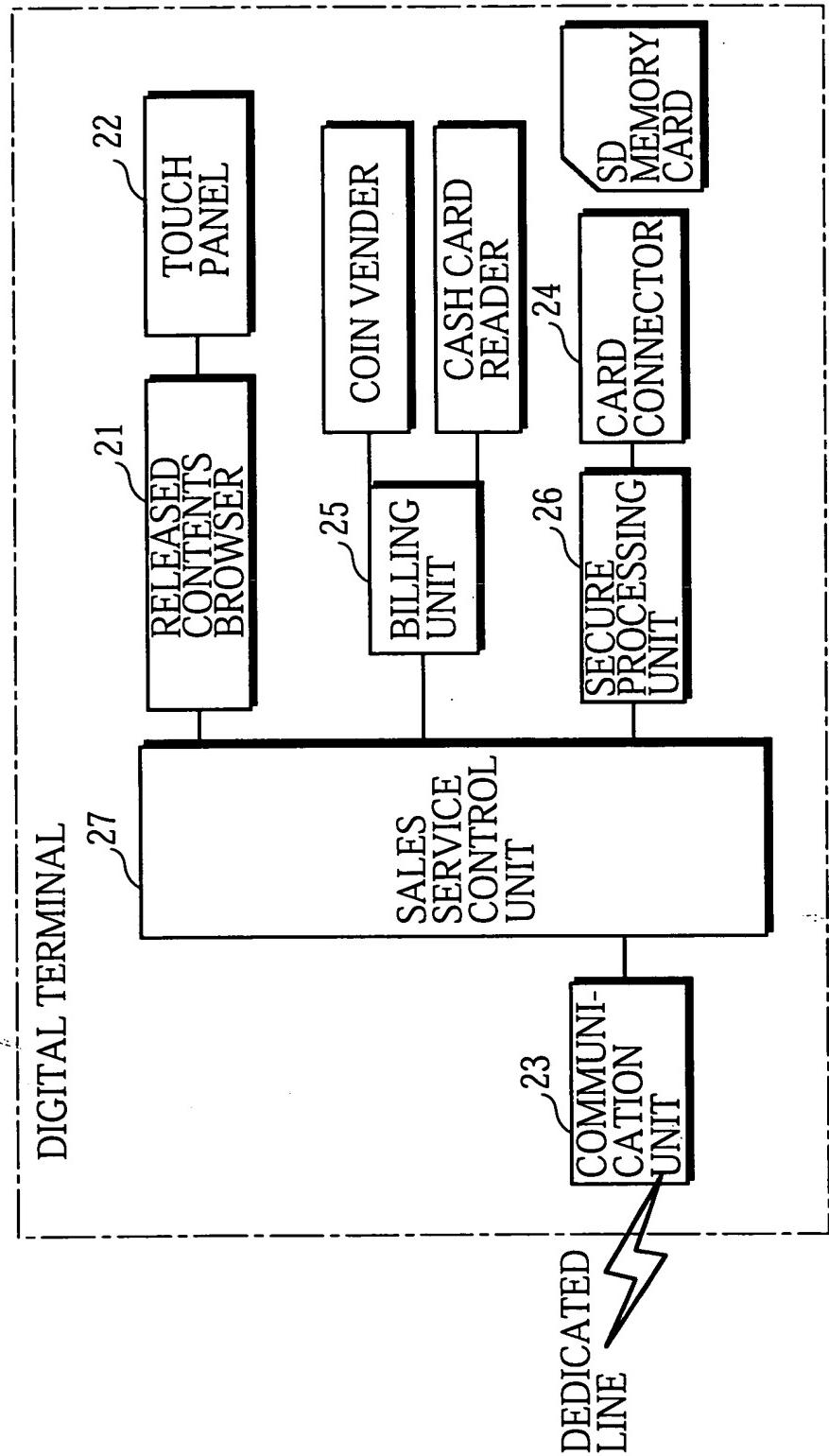


FIG. 34A

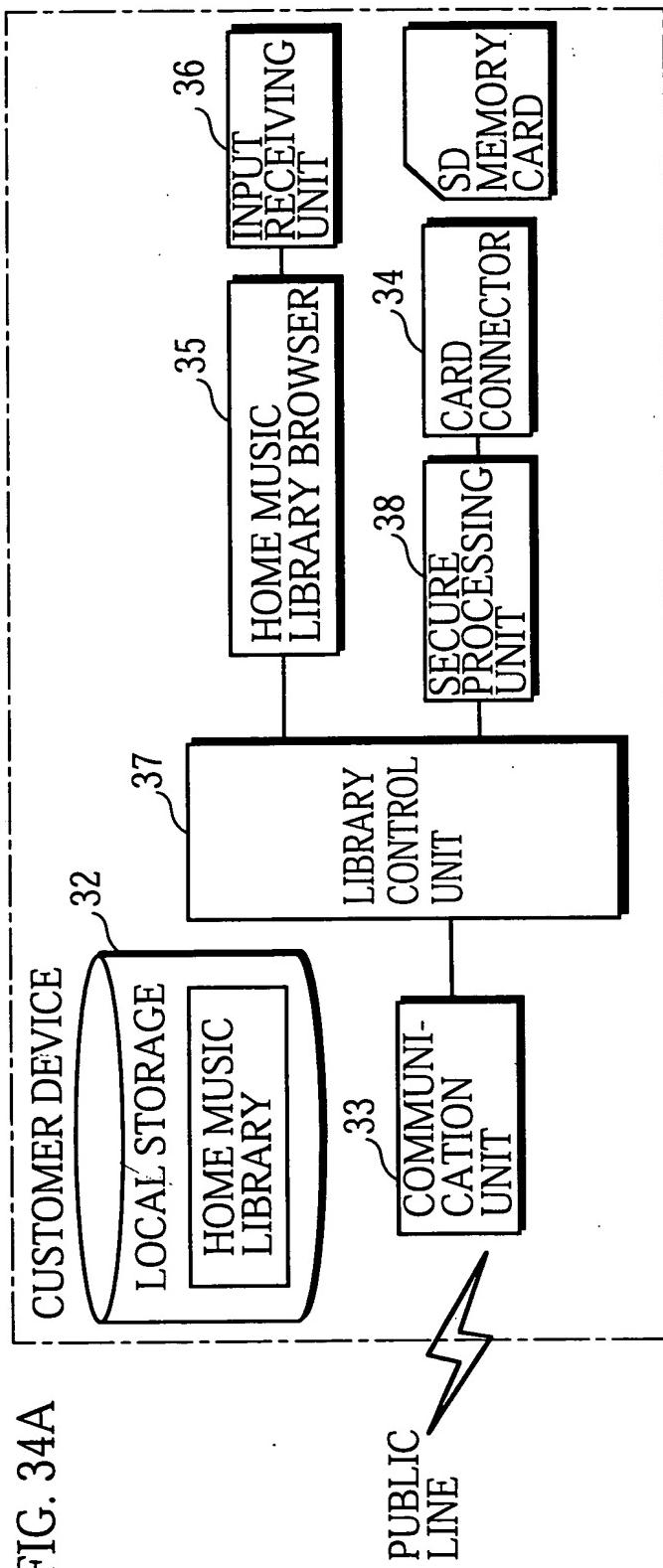


FIG. 34B

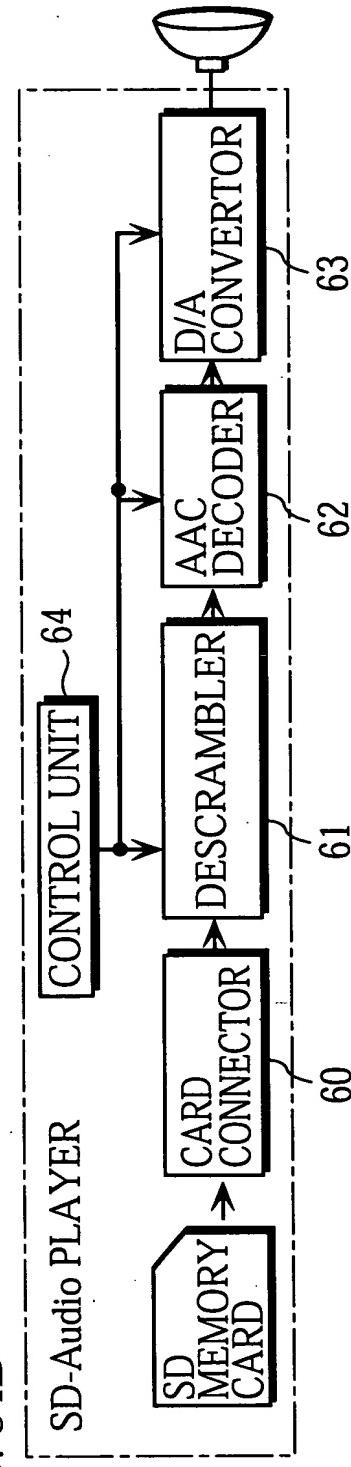
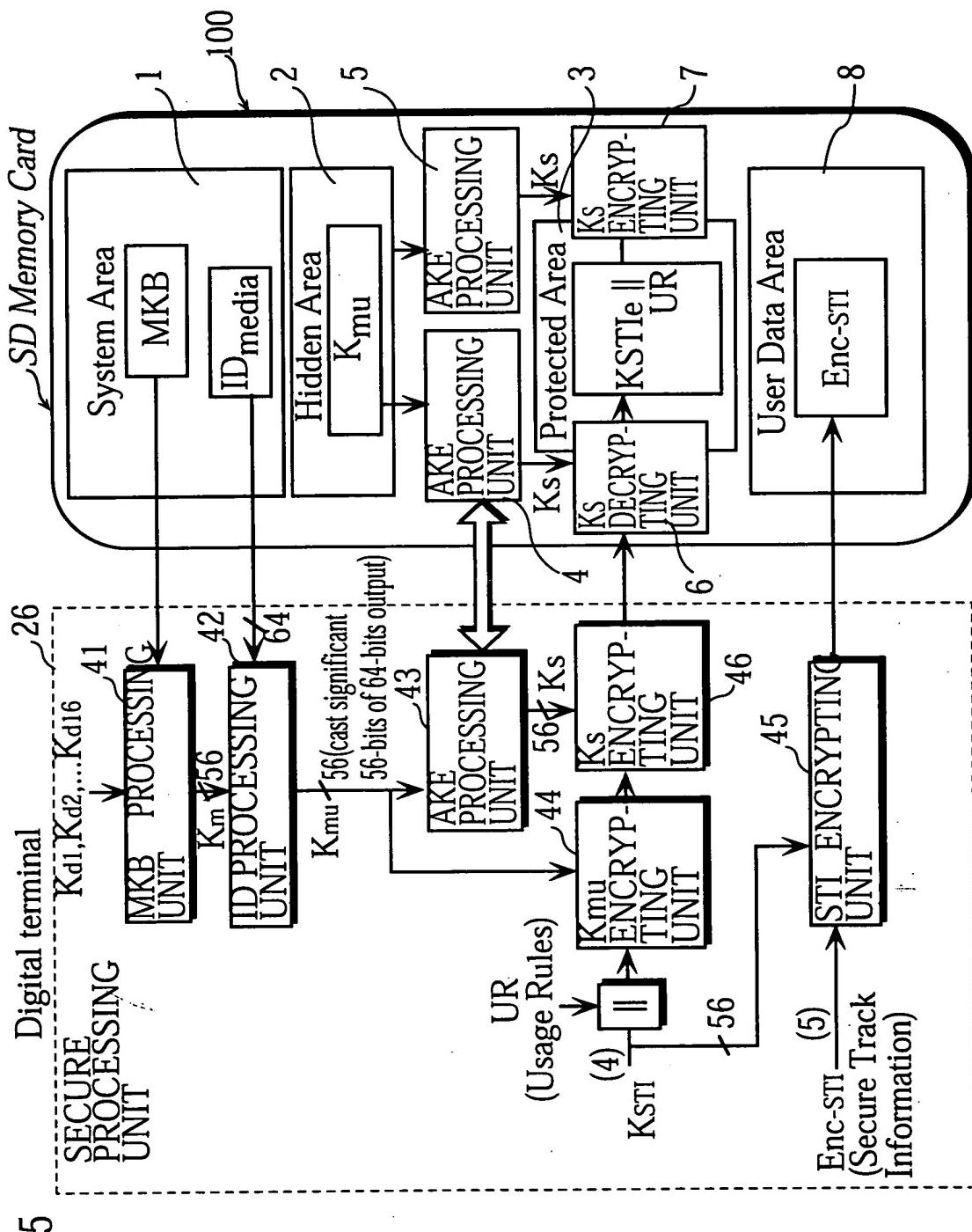


FIG. 35



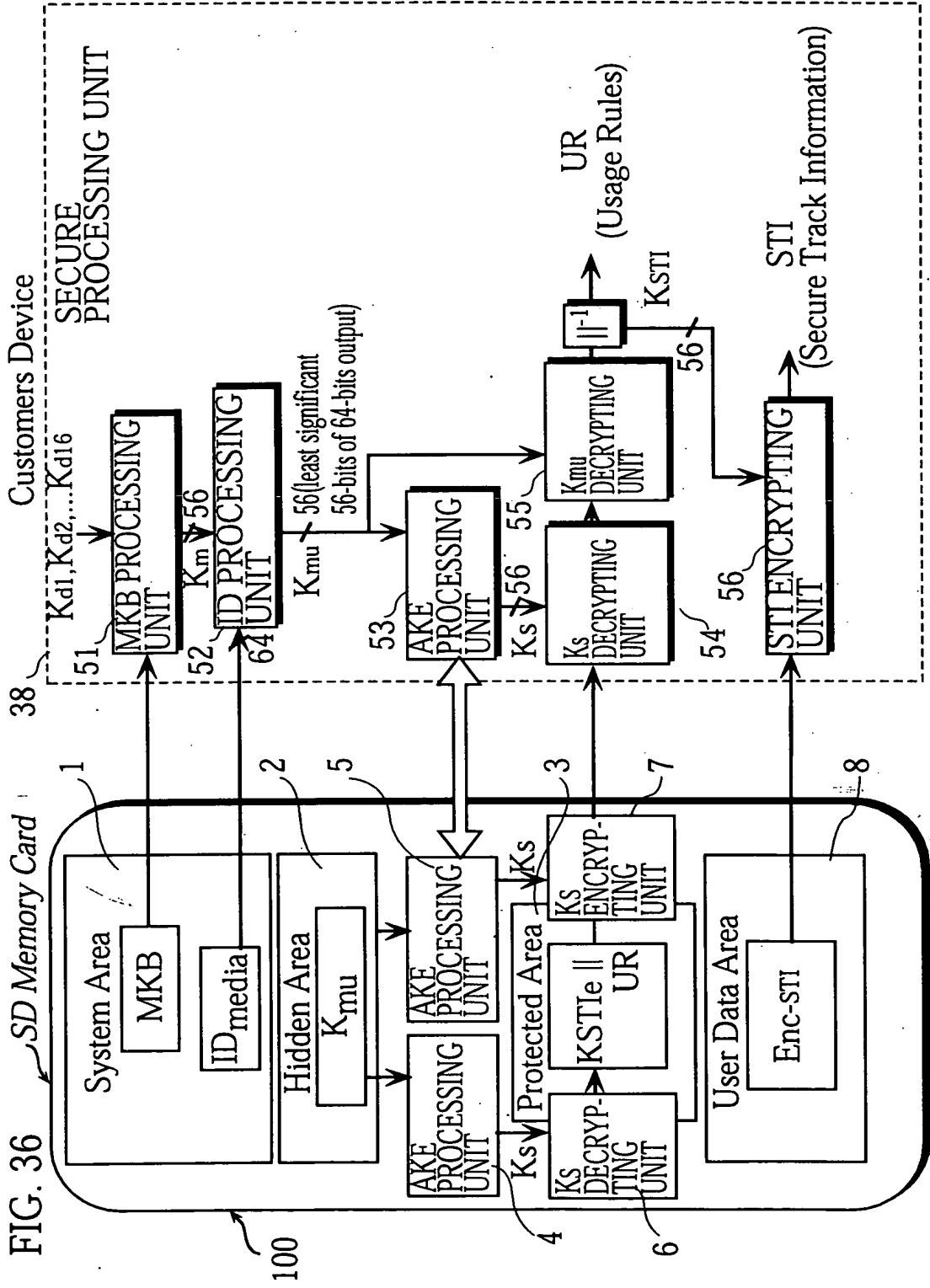


FIG. 37

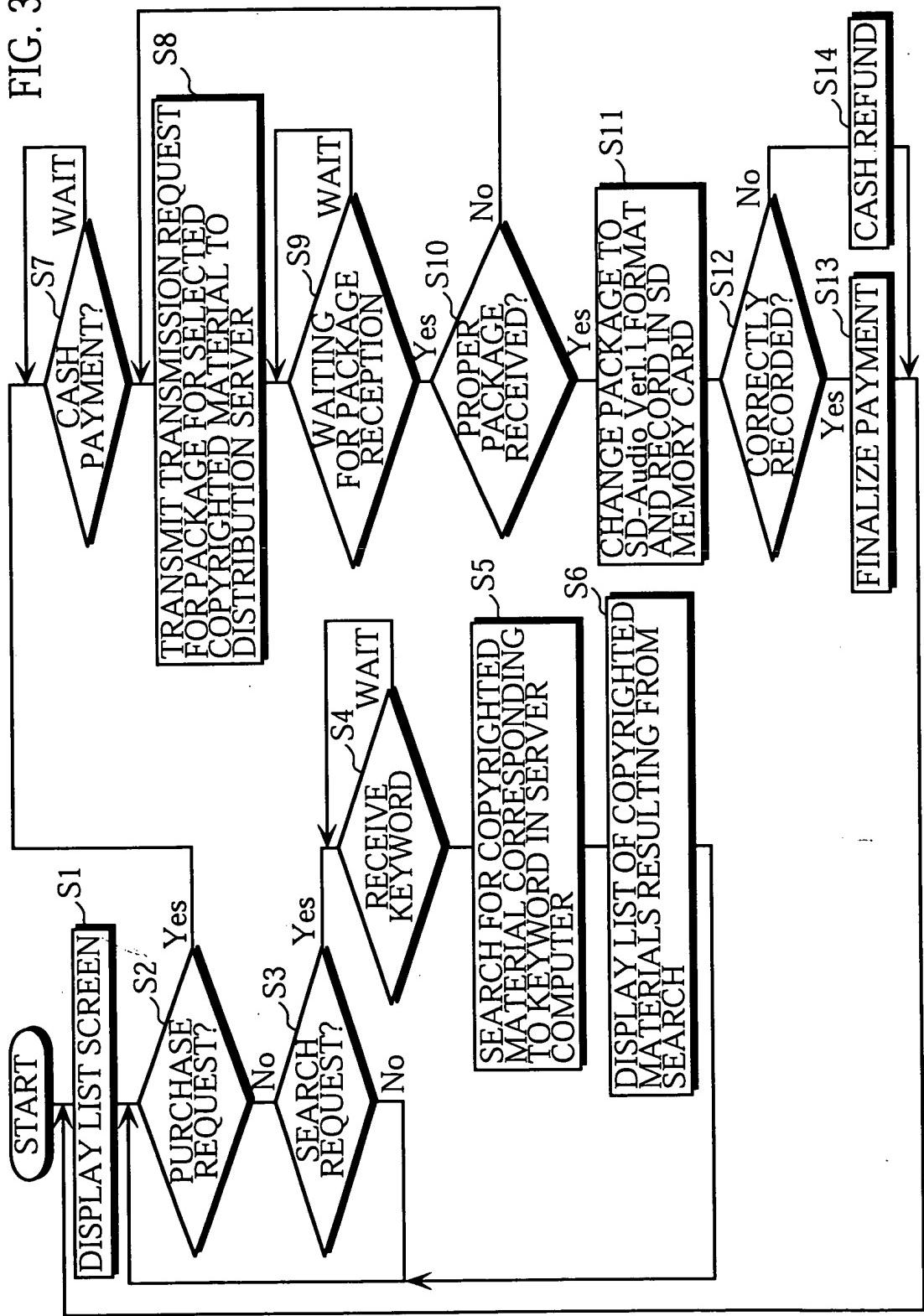
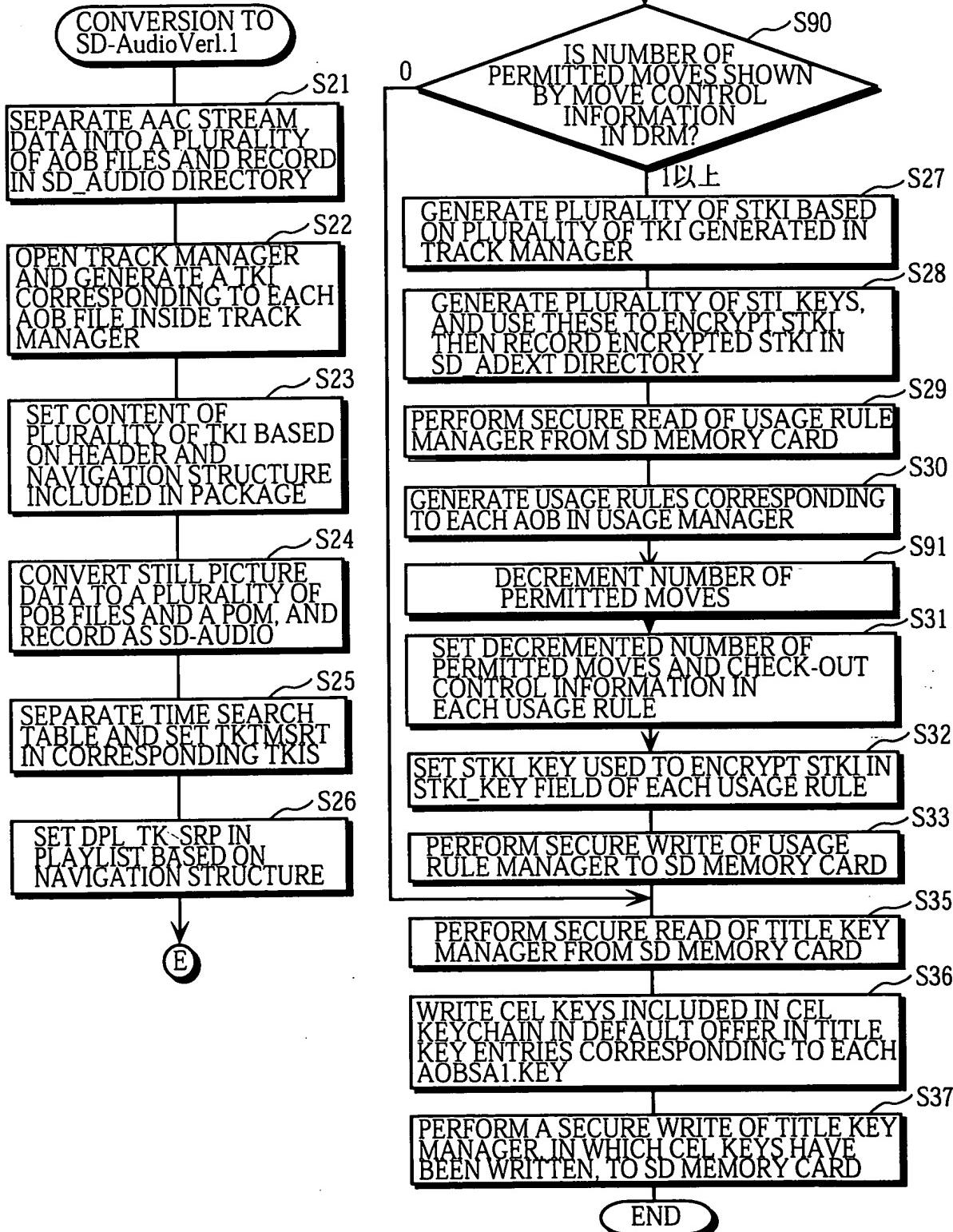


FIG. 38



PROCESSING PERFORMED BY CUSTOMER DEVICE

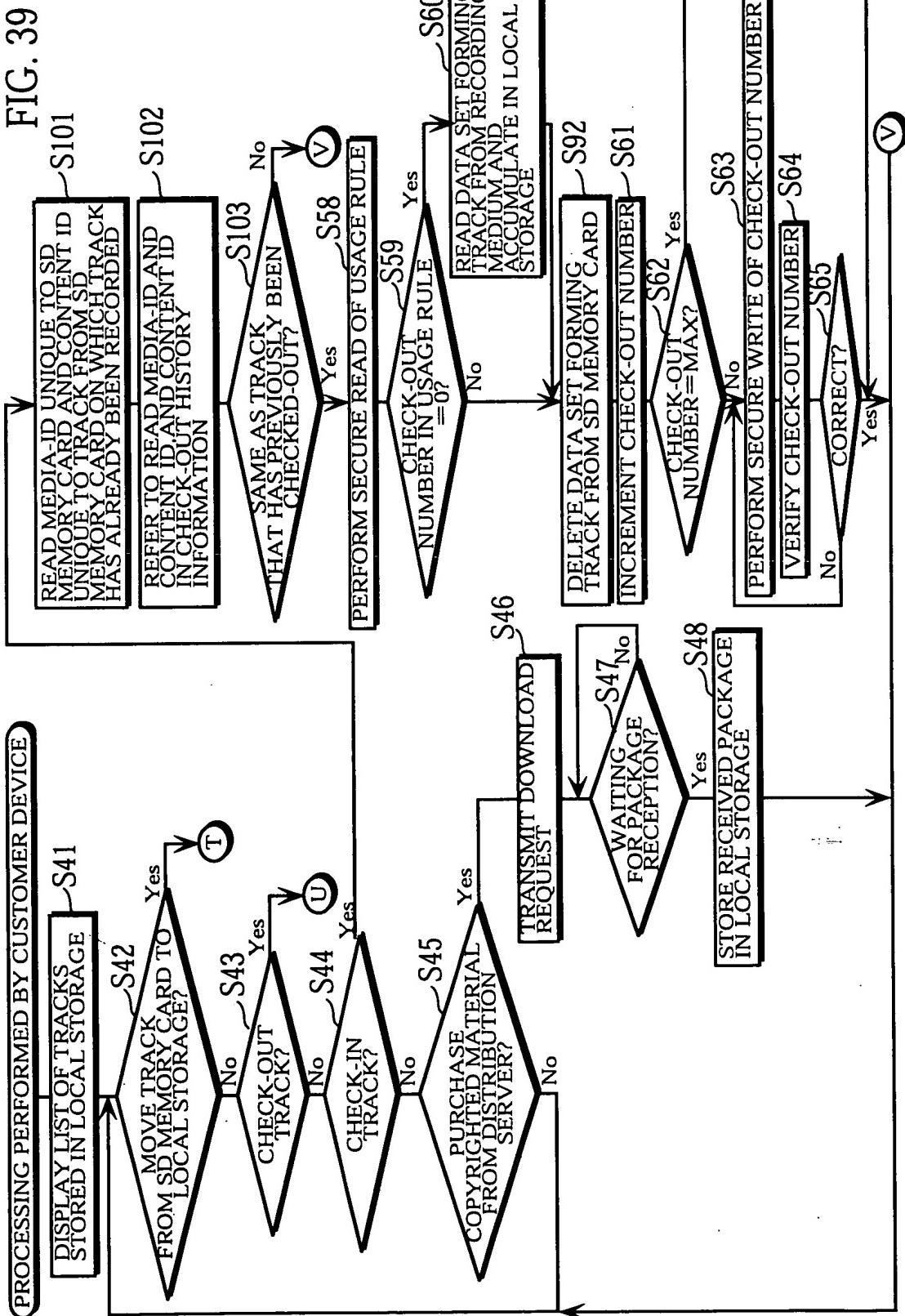


FIG. 39

FIG. 40

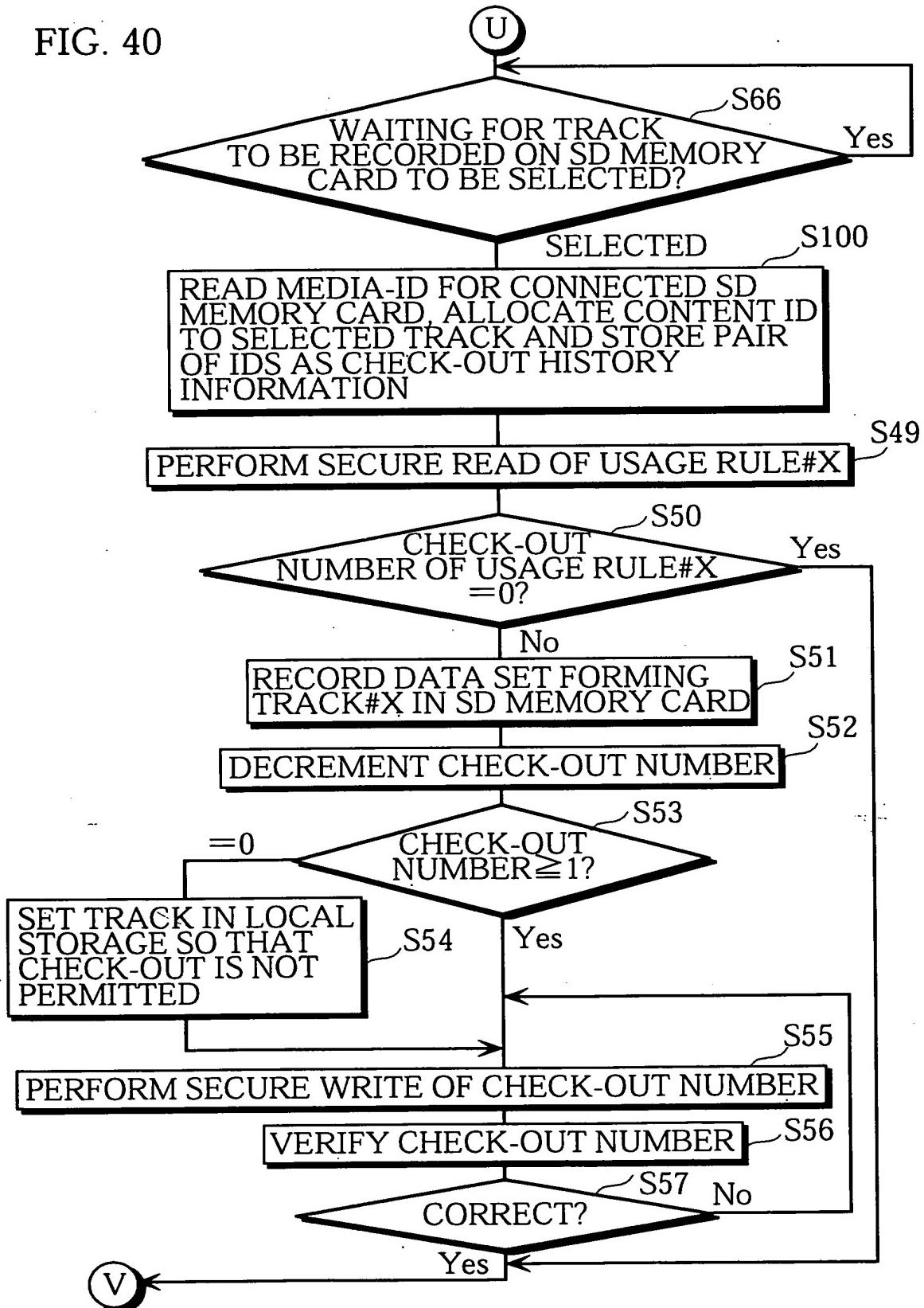


FIG. 41

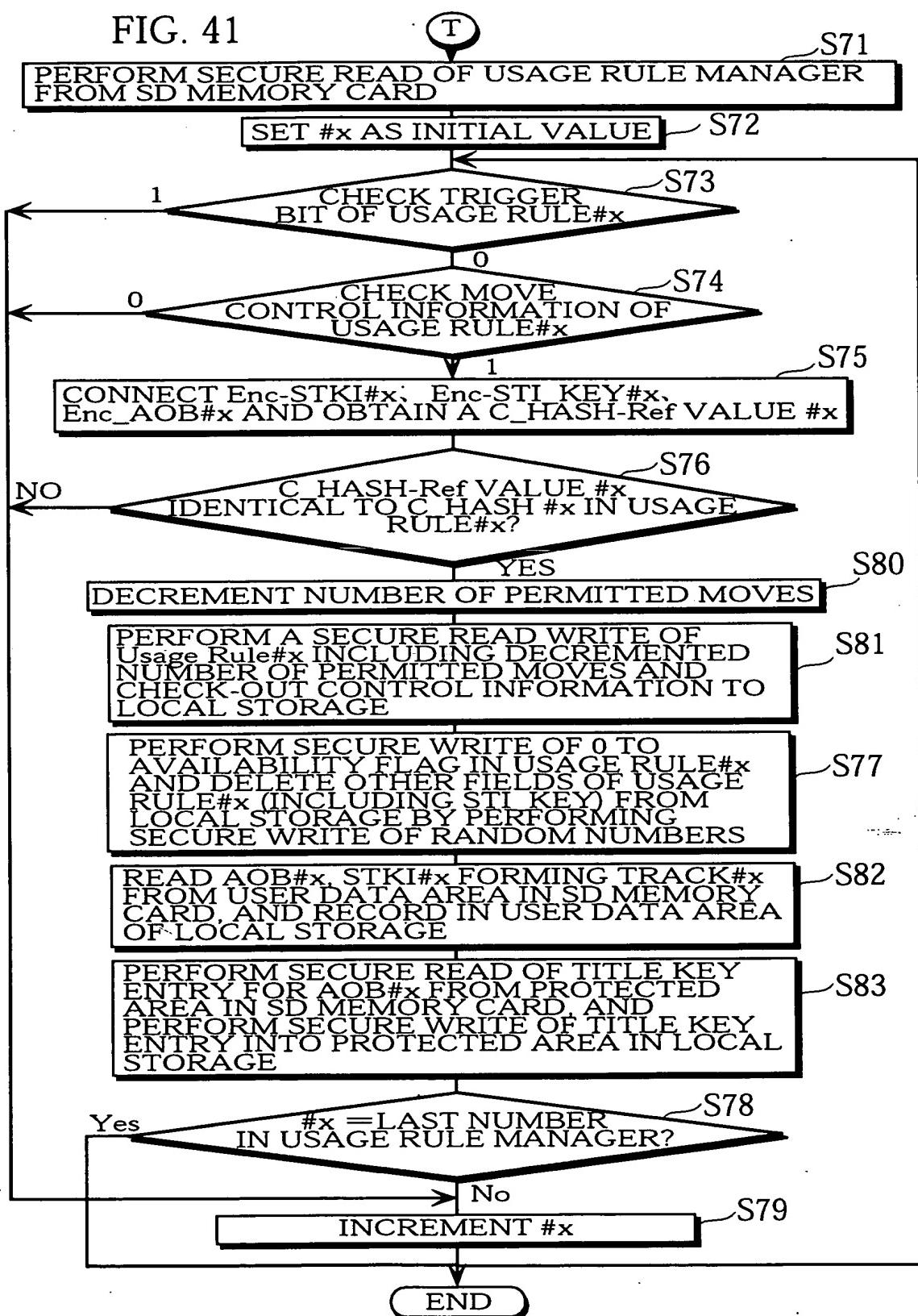
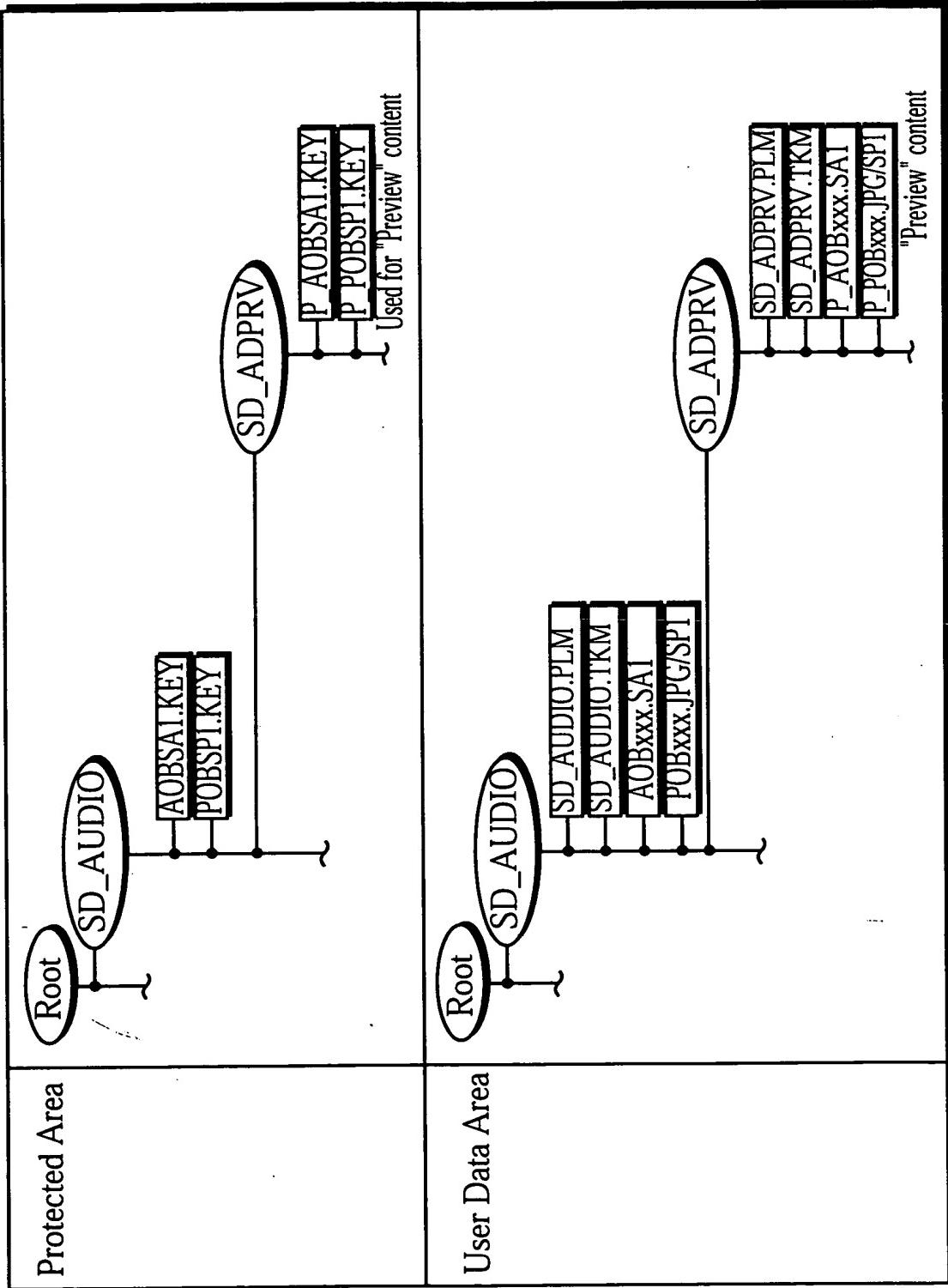


FIG. 42



P_AOBSA1.KEY Extended Title Key Entry

FIG. 43

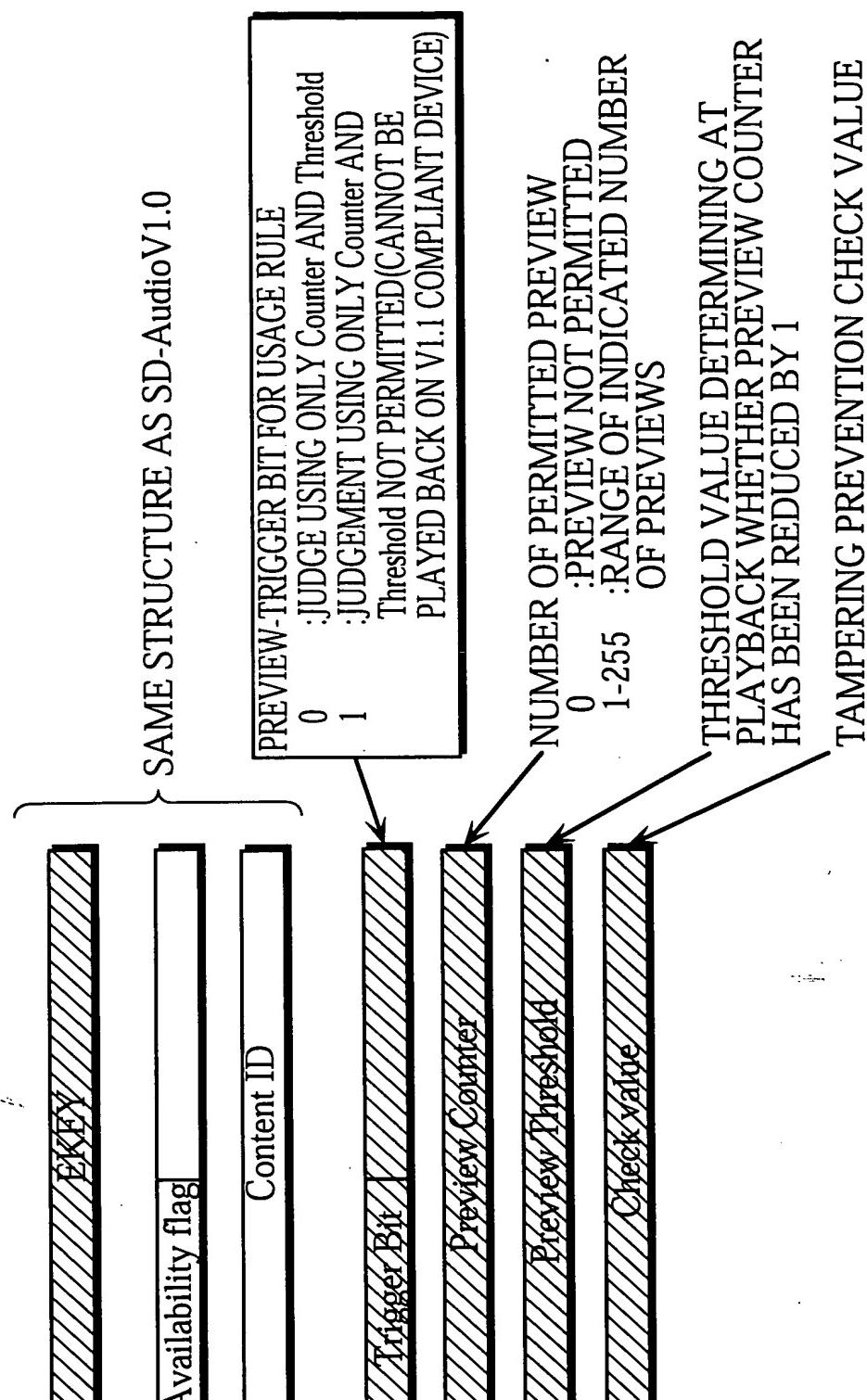


FIG. 44

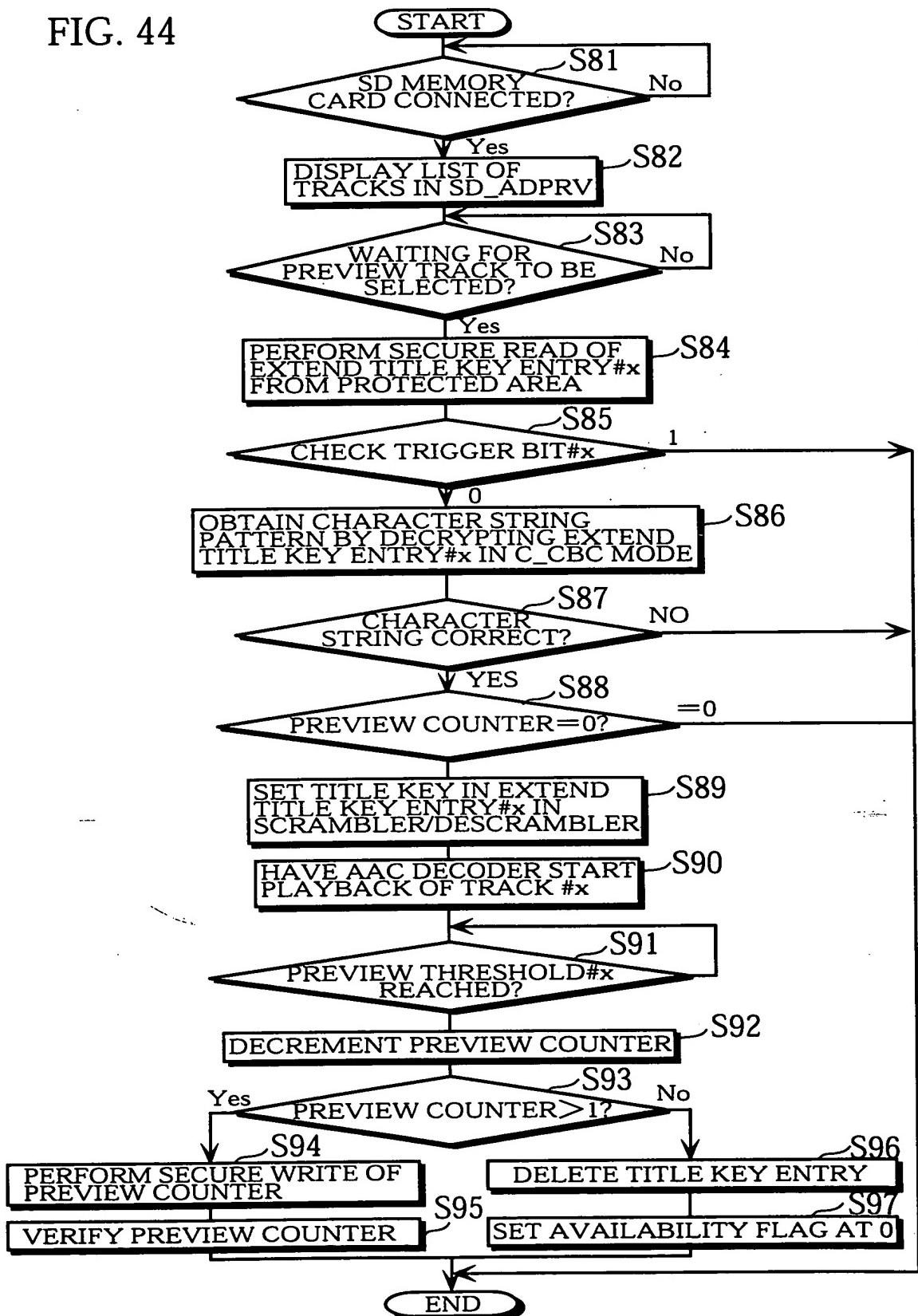


FIG. 45

